

# Formula D

(MODEL SBE-26CB)



# DIGITALLY SYNTHESIZED 23 CHANNEL AM TRANSCEIVER

The SBE Formula D transceiver is type accepted for use under F.C.C. rules and regulations, Part 95, on any of the 23 channels designated as Citizens Band frequencies. You are required to read and understand Part 95 of the F.C.C. regulations prior to operation of this unit. Copies of Part 95, covering regulations for the Citizens Band Radio Service, are available from the Superintendent of Documents, U.S. Government Printing Office, Washington D.C. 20402.

You must also obtain a license and call sign before operating your Formula D. If you do not have a Class D station license, request an application form for a Class D station license for the Citizens Radio Service (F.C.C. form 505) obtainable from any F.C.C. Field Office.

WARNING: Transmitter section adjustments must be performed by a qualified technician holding a valid First or Second class F.C.C. radiotelephone license.

The use of substitute components in the transmitter section of this equipment may cause a violation of F.C.C. rules and regulations. Use only the exact replacement parts specified in the parts list with this instruction manual.

#### 1.0 GENERAL DESCRIPTION AND SPECIFICATIONS

The SBE Formula D is a fully solid state 23 channel Citizens Band radio intended for use as a Class D Station in the Citizens Radio Service. The digital computer logic in the Formula D synthesizer circuit derives 46 different frequencies (23 each transmit and receive) from a single precision quartz crystal. The use of complete solid state circuitry throughout the Formula D results in very simple and straighforward operation and in reliable, long term operation.

The Formula D comes complete with microphone and mobile mounting bracket.

#### 1.1 General

Channels: 23

Frequency Range: 26.965 to 27.255 MHz

Frequency Control: Single Crystal, Digitally Synthesized

+.003% Frequency Tolerance:

Operating Temperature Range:  $-20^{\circ}$ C to  $+50^{\circ}$ C

Humidity: 95%

Input Voltage: 11.7V DC to 15.9V DC, positive or

negative ground. Microphone: Dynamic

Size: 2.5"H (60mm), 6-3/4"W (170mm), 9-3/8"D

(240 mm)Weight: 6 Pounds

2.73kg

#### 1.2 Transmitter

Power Output: 4 Watts (Maximum)

Modulation: 95-100%

Modulator Response: 300 Hz to 2500 Hz, +3 -10db

Output Impedance: 50 ohms, Unbalanced

Output Indicator: Back lit front panel meter

#### 1.3 Receiver

Sensitivity: 0.5 microvolt for 10db S+N/N ratio.

Selectivity: 50db @ +10KHz, 60db @ +20KHz, 65db @ +30KHz.

IF Frequencies: 10 MHz, 455 KHz Receiver Delta Tune: +750 Hz, nominal

Less than 10db change in audio output Automatic Gain Control:

for signal inputs from 10-500,000uv

Squelch Threshold: 0.5uv Audio Power Output:

Greater than 3.5 watts @ 10% T.H.D. Built-in Speaker: 8 ohms, 3½" Round

External Speaker: (Not Supplied) 4 or 8 ohms. Disables

internal speaker when connected.

Spurious Rejection: Image: > -40db

IF: ≥ -70db Others:

≥ -50db

#### 1.4 Miscellaneous

PA System: Power Out:

Power Consumption:

3.5 watts into an external 8 ohm speaker. The front panel mike gain control allows the operator to control the PA speaker volume when the CB/PA switch is in the PA position. When the CB/PA switch is in the PA position, the PA speaker also monitors the receiver. 13.8V DC

Receive (squelch) 0.5 amp Receive (3.5 watts audio) 1.3 amp Transmit (95% modulation) 1.7 amp

#### 2.0 INSTALLATION

#### 2.1 Mounting Location

In planning the installation of your Formula D, a location should be chosen which will provide easy access to the microphone and controls. Also, routing of the power and antenna cable should be taken into consideration. Avoid installing the transceiver in the direct air stream from the vehicles' heater. Temperatures in this area measure up to 150°F and may cause component failure.

#### 2.2 Antennas

One of the important keys to achieving optimum communications system performance is the installation of a good antenna system. Only a properly matched antenna system will allow maximum power transfer from the 52 ohm transmission line to the radiating element.

The recommended method of antenna tuning is to use an in-line wattmeter or VSWR bridge to adjust the antenna for minimum reflected power on channel 11. A properly tuned antenna system will present a 52 ohm load to the transceiver and will insure that maximum power is transferred from the radio to the antenna. If the antenna system in use presents a poor load, as indicated by a high SWR reading, transmitter range will be substantially reduced and damage to the RF final amplifier transistor may occur. Poor SWR can usually be corrected by altering the antennas' electrical length in accordance with the manufactures instructions. Extremely high SWR readings may be indicative of a defective transmission line, antenna, or connections.

To determine whether the antenna should be lengthened or shortened, test the SWR on channels 1 and 23. If the SWR is the highest on channel 23, the antenna is too long and if highest on channel 1, the antenna is too short. When the antenna system has been tuned correctly, channel 11 should have the lowest SWR and channels 1 and 23 will be slightly higher.

#### 2.3 Mobile

The Formula D is supplied with a universal mounting bracket and microphone holder. The transceiver may be mounted in any plane and on any rigid surface, such as, underneath an automobile dashboard, truck roof or vertically on a boat bulkhead.

DC power should be derived directly from the vehicle's battery in order to minimize voltage loss and ignition interference. The unit is designed for a 12 volt POSITIVE or NEGATIVE ground system. In either positive or negative ground systems, simply connect the red wire to the positive (+) battery terminal, black wire to the negative (-) battery terminal. If the transceiver's power lead must be lengthened, use #14 (or larger) wire.

#### 2.3.1 Mobile Antenna

The antenna type best suited for mobile applications is either a base/center loaded or full length quarter wave vertical whip. This type of antenna is non-directional thus assuring minimum signal variation as the vehicle changes direction. If directional capabilities are desired in a mobile installation, it is recommended that only a properly matched pair of antennas and phasing harness be used. A phasing control that allows the operator to shift antenna phase may also be used providing no reactive component is reflected to the transmission line. An in-line wattmeter or VSWR bridge may be used to check this characteristic since a reactive component will appear as an increase in the standing wave ratio. A standard antenna connector (type SO-239) is located on the rear panel for convenient connection to a PL-259 cable plug. Type RG-8/U or RG-58/U cable is recommended for transmission line.

#### 2.4 Base Station

For base station operation, the SBE model SBE-1AC Base Station Power Supply is recommended. This supply provides a regulated 13.8 volts DC output with an input voltage of 110-120 volts AC, 50-60 Hz.

#### 2.4.1 Base Station Antenna

The Formula D may be used with any type of 52 ohm base station antenna. A ground plane vertical antenna will provide the most uniform horizontal coverage. This type of antenna is best suited for communication with a mobile unit. For point-to-point operation where both stations are fixed, a directional beam will usually increase communications range since this type of antenna concentrates transmitted energy in one direction. The beam antenna also allows the receiver to "listen" in only one direction thus reducing interfering signals.

Antenna height is an important factor when maximum range is desired. Keep the antenna clear of surrounding structures or foliage. F.C.C. regulations limit antenna height to 20 feet above an existing structure.

#### 2.5 Public Address

An external 8 ohm, 3 watt speaker may be connected to the PA jack located on the rear panel when the Formula D is used as a public address system. When the PA system is used, the front panel mike gain control allows variation of the PA speaker output volume.

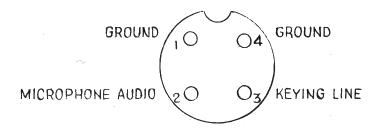
The PA speaker should be directed away from the microphone to prevent acoustical feedback.

#### 2.6 Remote Speaker

The external speaker jack on the rear panel is used for remote receiver monitoring. The external speaker may be 4 or 8 ohms impedance and should be rated at 3 watts power dissipation. When the external speaker is plugged in, the internal speaker is disconnected. A suitable unit is the SBE model SBE-1SP.

#### 2.7 Alternate Microphones & Installation

For best results, the user should select a low impedance dynamic type microphone or a transistorized preamplified microphone such as the SBE M-100X for mobile applications or the SBE 100X for base station installations. Wiring connections for the alternate microphones are shown in Figure 1 below.



### FEMALE MICROPHONE PLUG REAR VIEW

#### 2.8 Noise Suppression

The ability of the Formula D to detect very weak signals will be enhanced if the electrical noise generated by the vehicle is minimized.

The following steps are recommended if excessive electrical noise is present.

Before installing suppression devices, check the condition of the vehicle's ignition wiring. Insure that the spark plug connections are clean and tight and that the wires are seated properly in the distributor cap. Check for wear of the distributor rotor and replace the distributor cap if traces of carbon or signs of arcing are evident. Resistor type spark plugs should be used in place of regular spark plugs. Radio-resistant ignition wire is standard on most late model vehicles and should be installed in vehicles not so equipped.

Alternator noise may be minimized by installation of an alternator line filter available from radio parts distributors.

Installation of bonding straps in the engine compartment will further reduce ignition noise. Install short links of metal strap or heavy shield braid between the engine and frame, engine and fire wall, alternator and frame, exhaust pipe and frame and hood to frame. Extremely high ignition noise levels or noise levels that become worse after a period of time is indicative of deterioration of the vehicle's electrical system.

#### 3.0 OPERATION

#### 3.1 Control Functions

#### 3.1.1 Off/On Volume

Turn clockwise to apply power to the unit and to set the desired listening level.

#### 3.1.2 Mike Gain

Mike gain allows variation of the PA speaker output volume when the CB-PA switch is in the PA position. The extreme counter-clockwise position of the control is minimum PA volume. Clockwise rotation of the control will increase PA speaker volume.

#### 3.1.3 Squelch

Blanks out unwanted noise when no signals are present. Turn fully counterclockwise then slowly clockwise until the receiver noise disappears. Any signal to be received must now be slightly stronger than the average received noise. Further clockwise rotation will increase the threshold level which a signal must overcome in order to be heard. Only strong signals will be heard at the maximum clockwise setting.

#### 3.1.4 Meter

Indicates receive signal strength and transmitter power output.

#### 3.1.5 PA/CB Switch

Selects the mode of operation. The PA function should not be used unless an external speaker is connected as described in the installation section of this manual. In the CB position, the PA function is disabled and the unit will transmit and receive on the selected frequency.

#### 3.1.6 NL Switch

The switch may normally be expected to be left in the NL position during operation in a mobile installation to reduce alternator and ignition noise. Receiver sensitivity is the same in both the positions of the switch.

During base station operation the NL switch may be left in the off position unless a high atmospheric noise level is present.

#### 3.1.7 DIS/LOC Switch

In the DIS or Distant position switch setting, receiver sensitivity of the unit is at maximum. When the switch is placed in the LOC or Local position, special circuitry is activated to serve as a receiver desensitization when listening to very strong local signals. The receiver sensitivity is automatically

reduced from 1 microvolt to approximately 50 microvolts so that very strong signals may be received with optimum clarity. It is important to remember that weak signals will not be heard when the DIS/LOC Switch is in the LOC position.

#### 3.1.8 Delta Tune

Allows the receiver to be tuned above and below the center channel frequency so reception of stations operating slightly off frequency may be optimized.

#### 3.1.9 Channel Selector

Selects the desired channel for transmission and reception. Channels 10 thru 15 and 23 may be used for communications between stations operating under different licenses and between units sharing the same license. All other channels, except channel 9, may be used only between units operating under the same license. Channel 9 has been reserved by the F.C.C. for emergency communications or immediate protection of property. Channel 9 may also be used to render assistance to a motorist; it is commonly called the HELP channel.

#### 3.1.10 Press-to-Talk Microphone

The receiver and transmitter are controlled by the press-to-talk switch on the microphone. Press the switch and the transmitter is activated; release the switch to receive. When transmitting, hold the microphone two inches from the mouth and speak clearly in a normal voice.

#### 3.1.11 External Speaker

Provides connection for a 4 or 8 ohm external speaker. The speaker should have a power rating of at least 3 watts. The Formula D's internal speaker will be disabled when any external speaker is connected.

#### 3.1.12 PA

Connection for an 8 ohm 3 watt speaker so that the Formula D may be used as a public address system. When the PA-CB Switch is in the PA position, the PA speaker also monitors the receiver.

#### 3.1.13 Tone

Allows the receiver audio frequency response to be varied by the operator. Counterclockwise rotation of the control provides base boost. Clockwise rotation of the control provides for treble boost. Setting of the control is a matter of personal preference.

#### 5.0 SERVICE MAINTENANCE

Should your Formula D fail to perform as stated in this manual, it is recommended that SBE be contacted in writing. SBE will either authorize return of the unit to the factory or refer you to an authorized SBE repair agency in your area. DO NOT SHIP EQUIPMENT WITHOUT PRIOR WRITTEN AUTHORIZATION FROM SBE. Your letter to SBE must include the following particulars.

- 1. Model number and serial number of equipment.
- 2. Date of purchase of equipment.
- 3. Nature of trouble.
- 4. Cause of trouble if known.
- 5. Name of distributor from whom the equipment was purchased.
- 6. Your return address.
- 7. Method of shipment by which the equipment should be returned.

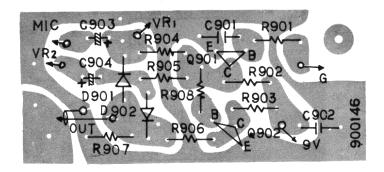
In addition, include any information that you feel will be helpful in locating or correcting the problem.

#### 6.0 PARTS ORDERING INFORMATION

When ordering replacement parts, you should direct your order to an SBE distributor or SBE, Replacement Parts Department, 220 Airport Boulevard, Watsonville, California 95076. Please furnish the following information:

- 1. Quantity required.
- SBE part number and description.
- 3. Item or symbol number obtained from parts list, schematic, component location drawing.
- 4. SBE model number and serial number.

Unless specified, SBE will determine the best method of shipment for the parts involved.



PA MIC GAIN PC BOARD

## SBE-26CB FORMULA D PARTS LIST

SYMBOL NO.	PART NO.	DESCRIPTION
C101	8000-00004-016	Capacitor, Fixed, 20pfd, Mica
C102	8000-00004-007	Capacitor, Fixed, 10pfd, Mica
C103	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C104	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C105	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C106	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C107	8000-00012-011	Capacitor, Fixed, 30pfd, N330, Cer.
C108	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C109	8000-00004-021	Capacitor, Fixed, 47pfd, Mica
C110	8000-00011-008	Capacitor, Fixed, 5pfd, Mica
C111	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C112	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C113	8000-00011-012	Capacitor, Fixed, 1pfd, Mica
C114	8000-00004-003	Capacitor, Fixed, 0.04mfd, Mylar
C115	8000-00004-041	Capacitor, Fixed, 150pfd, Mica
C116	8000-00011-012	Capacitor, Fixed, 1pfd, Mica
C117	8000-00004-003	Capacitor, Fixed, 0.04mfd, Mylar
C118	8000-00004-003	Capacitor, Fixed, 0.04mfd, Mylar
C119	8000-00004-007	Capacitor, Fixed, 10pfd, Mica
C1 20	8000-00038-015	Capacitor, Fixed, 4.7mfd, 25V, Elect.
C121	8000-00004-018	Capacitor, Fixed, 0.1mfd, Mylar
C122	8000-00004-003	Capacitor, Fixed, 0.04mfd, Mylar
C123	8000-00004-044	Capacitor, Fixed, 220mfd, 16V, Elect.
C124	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C125	8000-00004-003	Capacitor, Fixed, 0.04mfd, Mylar
C1 26	8000-00038-015	Capacitor, Fixed, 4.7mfd, 25V, Elect.
C127	8000-00004-018	Capacitor, Fixed, 0.1mfd, Mylar
C128	8000-00004-011	Capacitor, Fixed, 0.001mfd, Cer.
C129	8000-00004-011	Capacitor, Fixed, 0.001mfd, Cer.
C130	8000-00004-011	Capacitor, Fixed, 0.001mfd, Cer.
C131	8000-00004-203	Capacitor, Fixed, 0.02mfd, Mylar
C132	8000-00004-045	Capacitor, Fixed, 0.22mfd, Elect.
C201	8000-00006-072	Capacitor, Fixed, 0.047mfd, Mylar
C202	8000-00006-072	Capacitor, Fixed, 0.047mfd, Mylar
C203	8000-00038-015	Capacitor, Fixed, 4.7mfd, 25V, Elect.
C204	8000-00004-011	Capacitor, Fixed, 0.001mfd, Cer.
C205	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C206	8000-00004-009	Capacitor, Fixed, 47mfd, 16V, Elect.
C207	8000-00024-087	Capacitor, Fixed, 1mfd, 50V, Elect.
C208	8000-00004-018	Capacitor, Fixed, 0.1mfd, Mylar
C209	8000-00004-044	Capacitor, Fixed, 220mfd, 16V, Elect.
C210	8000-00011-007	Capacitor, Fixed, 0.005mfd, Mylar
C211	8000-00011-007	Capacitor, Fixed, 0.005mfd, Mylar
C212	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C213	8000-00024-087	Capacitor, Fixed, 1mfd, 50V, Elect.
C214	8000-00004-009	Capacitor, Fixed, 47mfd, 16V, Elect.

C215	SYMBOL NO.	PART NO.	DESCRIPTION
C216	C215	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C217         8000-00004-047         Capacitor, Fixed, 10mfd, 16v, Elect.           C218         8000-00004-001         Capacitor, Fixed, 0.0lmfd, Cer.           C220         8000-00004-001         Capacitor, Fixed, 0.0lmfd, Cer.           C301         8000-00004-011         Capacitor, Fixed, 0.0lmfd, Cer.           C302         8000-00004-087         Capacitor, Fixed, 0.0lmfd, Cer.           C304         8000-00024-087         Capacitor, Fixed, Imfd, 50v, Elect.           C305         8000-00004-047         Capacitor, Fixed, Imfd, 50v, Elect.           C401         8000-00004-021         Capacitor, Fixed, 1mfd, 50v, Elect.           C402         8000-00004-021         Capacitor, Fixed, 47pfd, Mica           C403         8000-00004-022         Capacitor, Fixed, 15pfd, Mica           C404         8000-00004-001         Capacitor, Fixed, 78pfd, Mica           C405         8000-00004-001         Capacitor, Fixed, 0.0lmfd, Cer.           C406         8000-00004-01         Capacitor, Fixed, 30pfd, Mica           C407         8000-00004-026         Capacitor, Fixed, 40pfd, Mica           C408         8000-00004-01         Capacitor, Fixed, 40pfd, Mica           C410         8000-00004-01         Capacitor, Fixed, 40pfd, Mica           C411         8000-00004-01         Capacitor, Fixed,		8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C218         8000-00004-047         Capacitor, Fixed, 0.0lmfd, 16V, Elect.           C220         8000-00004-001         Capacitor, Fixed, 0.0lmfd, Cer.           C301         8000-00004-001         Capacitor, Fixed, 0.0lmfd, Cer.           C302         8000-00004-011         Capacitor, Fixed, 0.0lmfd, Cer.           C303         8000-00024-087         Capacitor, Fixed, 0.0lmfd, Cer.           C304         8000-00024-087         Capacitor, Fixed, 1mfd, 50V, Elect.           C305         8000-00004-047         Capacitor, Fixed, 1mfd, 50V, Elect.           C401         8000-00004-021         Capacitor, Fixed, 1mfd, 50V, Elect.           C402         8000-00004-021         Capacitor, Fixed, 1mfd, 50V, Elect.           C403         8000-00004-023         Capacitor, Fixed, 1mfd, 50V, Elect.           C404         8000-00004-01         Capacitor, Fixed, 5mfd, Mica           C405         8000-00004-01         Capacitor, Fixed, 5mfd, Mica           C406         8000-00004-024         Capacitor, Fixed, 500pfd, Mica           C409         8000-00004-026         Capacitor, Fixed, 500pfd, Mica           C410         8000-00004-01         Capacitor, Fixed, 50pfd, Mica           C411         8000-00004-01         Capacitor, Fixed, 50pfd, Mica           C412         Not Used         Capacitor, F		8000-00004-045	Capacitor, Fixed, 0.22mfd, Elect.
C219         8000-00004-001         Capacitor, Fixed, O.Olmfd, Cer.           C301         8000-00004-001         Capacitor, Fixed, O.Olmfd, Cer.           C302         8000-00004-001         Capacitor, Fixed, O.Olmfd, Cer.           C303         8000-00024-087         Capacitor, Fixed, Imfd, 50V, Elect.           C304         8000-00004-047         Capacitor, Fixed, Imfd, 50V, Elect.           C401         8000-00004-021         Capacitor, Fixed, Imfd, 50V, Elect.           C402         8000-00004-021         Capacitor, Fixed, 47pfd, Mica           C403         8000-00004-021         Capacitor, Fixed, 58pfd, Mica           C404         8000-00004-021         Capacitor, Fixed, 50pfd, Mica           C405         8000-00004-001         Capacitor, Fixed, 50pfd, Mica           C406         8000-00004-01         Capacitor, Fixed, 50pfd, Mica           C407         8000-00004-01         Capacitor, Fixed, 50pfd, Mica           C408         8000-00004-01         Capacitor, Fixed, 50pfd, Mica           C410         8000-00004-01         Capacitor, Fixed, 50pfd, Mica           C411         8000-00004-01         Capacitor, Fixed, 50pfd, Mica           C412         Not Used         Capacitor, Fixed, 50pfd, Mica           C413         8000-00004-001         Capacitor, Fixed, 50pfd, Mica		8000-00004-047	
Capacitor, Fixed, O.0lmfd, Cer.		8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
S001		8000-00004-001	
C302		8000-00004-011	Capacitor, Fixed, 0.001mfd, Cer.
G303		8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C305   8000-00024-087   Capacitor, Fixed, 1mfd, 50V, Elect. C305   8000-00004-017   Capacitor, Fixed, 10mfd, 16V, Elect. C401   8000-00004-021   Capacitor, Fixed, 47pfd, Mica C402   8000-00004-022   Capacitor, Fixed, 15pfd, Mica C403   8000-00004-021   Capacitor, Fixed, 15pfd, Mica C404   8000-00004-021   Capacitor, Fixed, 0.01mfd, Cer. C405   8000-00004-024   Capacitor, Fixed, 0.01mfd, Cer. C406   8000-00004-024   Capacitor, Fixed, 0.01mfd, Cer. C408   8000-00004-026   Capacitor, Fixed, 500pfd, Mica C409   8000-00004-026   Capacitor, Fixed, 0.01mfd, Cer. C410   8000-00004-021   Capacitor, Fixed, 0.01mfd, Cer. C411   8000-00004-021   Capacitor, Fixed, 0.01mfd, Cer. C412   Not Used C413   8000-00004-001   Capacitor, Fixed, 0.01mfd, Cer. C414   8000-00004-001   Capacitor, Fixed, 0.01mfd, Cer. C415   8000-00004-020   Capacitor, Fixed, 0.01mfd, Cer. C416   8000-00004-021   Capacitor, Fixed, 0.01mfd, Cer. C417   8000-00004-021   Capacitor, Fixed, 0.01mfd, Cer. C418   8000-00004-021   Capacitor, Fixed, 0.01mfd, Cer. C420   8000-00038-013   Capacitor, Fixed, 0.01mfd, Cer. C501   8000-00004-027   Capacitor, Fixed, 0.01mfd, Cer. C503   8000-00004-021   Capacitor, Fixed, 0.07mfd, Mylar C502   8000-00004-011   Capacitor, Fixed, 0.00mfd, Cer. C504   8000-00004-020   Capacitor, Fixed, 0.00mfd, Cer. C506   8000-00004-020   Capacitor, Fixed, 0.01mfd, Cer. C506   8000-00004-020   Capacitor, Fixed, 0.01mfd, Cer. C508   8000-00004-020   Capacitor, Fixed, 0.01mfd, Cer. C508   8000-00004-020   Capacitor, Fixed, 0.01mfd, Cer. C508   8000-00004-020   Capacitor, Fixed, 0.01mfd, Cer. C509   8000-00004-020   Capacitor, Fixed, 0.01mfd, Cer. C511   8000-00004-020   Capacitor, Fixed, 0.01mfd, Cer. C512   8000-00004-020   Capacitor, Fixed, 0.01mfd, Cer. C514   8000-00004-020   Capacitor, Fixed, 0.01mfd, Cer. C516   80		8000-00024-087	Capacitor, Fixed, 1mfd, 50V, Elect.
C305 C4001 S000-00004-021 C402 S000-00004-021 C403 S000-00004-283 C404 C404 S000-00004-001 C405 S000-00004-001 C406 S000-00004-001 C406 S000-00004-017 C407 S000-00004-017 C408 S000-00004-017 C409 C409 C409 C410 C410 S000-00004-001 C411 S000-00004-001 C411 S000-00004-001 C412 C412 Not Used C413 S000-00004-001 C414 S000-00004-001 C415 C416 C417 C418 S000-00004-001 C416 C418 S000-00004-011 C419 C419 C410 C410 C410 C410 C410 C410 C410 C410		8000-00024-087	Capacitor, Fixed, 1mfd, 50V, Elect.
C401 8000-00004-021 Capacitor, Fixed, 47pfd, Mica C402 8000-00004-001 Capacitor, Fixed, 15pfd, Mica C403 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C405 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C406 8000-00004-017 Capacitor, Fixed, 30pfd, Mica C408 8000-00004-017 Capacitor, Fixed, 500pfd, Mica C409 8000-00004-011 Capacitor, Fixed, 40pfd, Mica C409 8000-00004-001 Capacitor, Fixed, 40pfd, Mica C410 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C411 8000-00038-012 Capacitor, Fixed, 0.01mfd, Cer. C412 Not Used C413 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C414 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C415 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C416 8000-00004-021 Capacitor, Fixed, 0.01mfd, Cer. C417 8000-00004-021 Capacitor, Fixed, 0.01mfd, Cer. C418 8000-00004-021 Capacitor, Fixed, 0.01mfd, Cer. C419 8000-00004-021 Capacitor, Fixed, 0.01mfd, Cer. C419 8000-00004-027 Capacitor, Fixed, 0.01mfd, Cer. C410 8000-00004-021 Capacitor, Fixed, 0.01mfd, Cer. C411 8000-00004-027 Capacitor, Fixed, 0.01mfd, Cer. C420 8000-00038-013 Capacitor, Fixed, 0.01mfd, Cer. C420 8000-00004-027 Capacitor, Fixed, 0.01mfd, Cer. C501 8000-00004-020 Capacitor, Fixed, 0.01mfd, Cer. C502 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C503 8000-00004-011 Capacitor, Fixed, 0.02mfd, Mylar C500 8000-00004-023 Capacitor, Fixed, 0.02mfd, Mylar C500 8000-00004-020 Capacitor, Fixed, 0.02mfd, Mylar C500 8000-00004-020 Capacitor, Fixed, 0.02mfd, Mylar C500 8000-00004-020 Capacitor, Fixed, 0.02mfd, Mylar C501 8000-00004-020 Capacitor, Fixed, 0.01mfd, Cer. C508 8000-00004-020 Capacitor, Fixed, 0.01mfd, Cer. C510 8000-00004-020 Capacitor, Fixed, 0.01mfd, Cer. C511 8000-00004-020 Capacitor, Fixed, 0.01mfd, Cer. C512 8000-00004-020 Capacitor, Fixed, 0.01mfd, Cer. C513 8000-00004-020 Capacitor, Fixed, 0.01mfd, Cer. C514 8000-00004-020 Capacitor, Fixed, 0.01mfd, Cer. C515 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C516 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.		8000-00004-047	
C402 8000-00004-002 Capacitor, Fixed, 15pfd, Mica C404 8000-00004-283 Capacitor, Fixed, 78pfd, Mica C404 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C405 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C406 8000-00004-017 Capacitor, Fixed, 30pfd, Mica C407 8000-00004-016 Capacitor, Fixed, 500pfd, Mica C408 8000-00004-026 Capacitor, Fixed, 40pfd, Mica C409 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C410 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C411 8000-00038-012 Capacitor, Fixed, 0.01mfd, Cer. C412 Not Used C413 8000-00004-001 Capacitor, Fixed, 130pfd, Mica C415 8000-00004-006 Capacitor, Fixed, 100pfd, Mica C416 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C417 8000-00004-001 Capacitor, Fixed, 100pfd, Mica C418 8000-00004-021 Capacitor, Fixed, 0.01mfd, Cer. C419 8000-00004-021 Capacitor, Fixed, 0.01mfd, Cer. C419 8000-00004-021 Capacitor, Fixed, 100pfd, Mica C420 8000-00038-013 Capacitor, Fixed, 220pfd, Mica C421 8000-0001-012 Capacitor, Fixed, 220pfd, Mica C420 8000-00038-013 Capacitor, Fixed, 10fd, Mica C421 8000-0001-012 Capacitor, Fixed, 0.01mfd, Cer. C501 8000-00004-203 Capacitor, Fixed, 0.01mfd, Cer. C502 8000-00004-010 Capacitor, Fixed, 0.01mfd, Cer. C504 8000-00004-011 Capacitor, Fixed, 0.01mfd, Cer. C505 8000-00004-012 Capacitor, Fixed, 0.01mfd, Cer. C506 8000-00004-020 Capacitor, Fixed, 0.02mfd, Mylar C507 8000-00004-021 Capacitor, Fixed, 0.02mfd, Mylar C508 8000-00004-020 Capacitor, Fixed, 0.02mfd, Mylar C509 8000-00004-020 Capacitor, Fixed, 0.01mfd, Cer. C508 8000-00004-020 Capacitor, Fixed, 0.01mfd, Cer. C510 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C511 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C512 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C513 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C514 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C515 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C516 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.		8000-00004-021	
C403 8000-00004-283 Capacitor, Fixed, 78pfd, Mica C404 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C405 8000-00004-017 Capacitor, Fixed, 30pfd, Mica C407 8000-00004-017 Capacitor, Fixed, 30pfd, Mica C408 8000-00004-026 Capacitor, Fixed, 40pfd, Mica C409 8000-00004-001 Capacitor, Fixed, 40pfd, Mica C409 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C410 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C411 8000-00038-012 Capacitor, Fixed, 130pfd, Mica C412 Not Used C413 8000-00004-001 Capacitor, Fixed, 130pfd, Mica C414 8000-00004-001 Capacitor, Fixed, 24pfd, Mica C415 8000-00004-001 Capacitor, Fixed, 24pfd, Mica C416 8000-00004-001 Capacitor, Fixed, 100pfd, Mica C417 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C418 8000-00004-01 Capacitor, Fixed, 0.01mfd, Cer. C419 8000-00004-021 Capacitor, Fixed, 47pfd, Mica C420 8000-00004-027 Capacitor, Fixed, 20pfd, Mica C421 8000-00011-012 Capacitor, Fixed, 160pfd, Mica C421 8000-00011-012 Capacitor, Fixed, 160pfd, Mica C501 8000-00004-011 Capacitor, Fixed, 0.01mfd, Cer. C503 8000-00004-011 Capacitor, Fixed, 0.02mfd, Mylar C505 8000-00004-01 Capacitor, Fixed, 0.02mfd, Mylar C505 8000-00004-01 Capacitor, Fixed, 0.02mfd, Mylar C505 8000-00004-020 Capacitor, Fixed, 0.02mfd, Mylar C506 8000-00004-021 Capacitor, Fixed, 0.02mfd, Mylar C507 8000-00004-021 Capacitor, Fixed, 0.02mfd, Mylar C508 8000-00004-020 Capacitor, Fixed, 0.02mfd, Mylar C509 8000-00004-020 Capacitor, Fixed, 0.02mfd, Mylar C509 8000-00004-020 Capacitor, Fixed, 0.01mfd, Cer. C510 8000-00004-020 Capacitor, Fixed, 0.01mfd, Cer. C511 8000-00004-020 Capacitor, Fixed, 5pfd, Mica C512 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C513 8000-00004-001 Capacitor, Fixed, 5pfd, Mica C514 8000-00004-001 Capacitor, Fixed, 5pfd, Mica C515 8000-00004-001 Capacitor, Fixed, 5pfd, Mica C516 8000-00004-001 Capacitor, Fixed, 5pfd, Mica C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.		8000-00004-002	
C404         8000-00004-001         Capacitor, Fixed, 0.0lmfd, Cer.           C406         8000-00004-024         Capacitor, Fixed, 30pfd, Mica           C407         8000-00004-017         Capacitor, Fixed, 500pfd, Mica           C408         8000-00004-01         Capacitor, Fixed, 40pfd, Mica           C409         8000-00004-001         Capacitor, Fixed, 0.0lmfd, Cer.           C410         8000-00038-012         Capacitor, Fixed, 0.0lmfd, Cer.           C411         8000-00038-012         Capacitor, Fixed, 130pfd, Mica           C412         Not Used         Capacitor, Fixed, 100pfd, Mica           C413         8000-00004-001         Capacitor, Fixed, 24pfd, Mica           C414         8000-00004-006         Capacitor, Fixed, 24pfd, Mica           C415         8000-00004-020         Capacitor, Fixed, 0.0lmfd, Cer.           C416         8000-00004-021         Capacitor, Fixed, 0.0lmfd, Cer.           C417         8000-00004-021         Capacitor, Fixed, 0.0lmfd, Cer.           C418         8000-00004-027         Capacitor, Fixed, 0.0lmfd, Ger.           C420         8000-00038-013         Capacitor, Fixed, 0.0lmfd, Mica           C421         8000-0004-023         Capacitor, Fixed, 0.0lmfd, Mica           C502         8000-0004-033         Capacitor, Fixed, 0.0lmfd, Mylar		8000-00004-283	
C405 C406 C406 C407 C406 C407 C408 C407 C408 C409 C409 C409 C409 C40004-011 C410 C411 C411 C412 C412 C412 C413 C413 C414 C415 C415 C416 C416 C416 C416 C417 C416 C418 C417 C418 C418 C418 C418 C418 C419 C418 C419 C419 C411 C410 C410 C410 C410 C410 C410 C410		8000-00004-001	
C406 C407 C408 C407 C408 C409 C409 C409 C409 C400-00004-001 C409 C410 C409 C410 C411 C411 C411 C412 C412 C412 C412 C413 C413 C414 C415 C415 C416 C416 C416 C416 C417 C417 C418 C417 C418 C418 C418 C418 C419 C419 C419 C419 C410 C410 C410 C410 C410 C410 C410 C411 C411		8000-00004-001	
C407 C408 S000-00004-017 C408 S000-00004-026 C409 S000-00004-001 C410 S000-00004-001 C411 C411 S000-00038-012 C412 C412 Not Used C415 S000-00004-001 C416 S000-00004-001 C417 S000-00004-001 C418 S000-00004-001 C417 C418 S000-00004-001 C419 C419 C418 S000-00004-001 C419 C419 S000-00004-01 C419 C410 C411 C411 C411 C411 C411 C411 C411		8000-00004-024	
C408 8000-00004-026 Capacitor, Fixed, 40pfd, Mica C409 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer. C410 8000-00038-012 Capacitor, Fixed, 0.0lmfd, Cer. C411 8000-00038-012 Capacitor, Fixed, 130pfd, Mica C412 Not Used C413 8000-00004-006 Capacitor, Fixed, 24pfd, Mica C414 8000-00004-006 Capacitor, Fixed, 100pfd, Mica C415 8000-00004-020 Capacitor, Fixed, 0.0lmfd, Cer. C416 8000-00004-021 Capacitor, Fixed, 0.0lmfd, Cer. C417 8000-00004-021 Capacitor, Fixed, 47pfd, Mica C418 8000-00004-021 Capacitor, Fixed, 0.0lmfd, Cer. C419 8000-00004-027 Capacitor, Fixed, 220pfd, Mica C420 8000-00038-013 Capacitor, Fixed, 160pfd, Mica C421 8000-00004-203 Capacitor, Fixed, 1pfd, Mica C501 8000-00004-203 Capacitor, Fixed, 0.02mfd, Mylar C502 8000-00004-01 Capacitor, Fixed, 0.0lmfd, Cer. C503 8000-00004-01 Capacitor, Fixed, 0.0lmfd, Cer. C504 8000-00004-01 Capacitor, Fixed, 0.0lmfd, Cer. C505 8000-00004-045 Capacitor, Fixed, 0.02mfd, Mylar C505 8000-00004-045 Capacitor, Fixed, 0.02mfd, Mylar C506 8000-00004-045 Capacitor, Fixed, 0.02mfd, Mylar C507 8000-00004-045 Capacitor, Fixed, 0.02mfd, Mylar C508 8000-00004-042 Capacitor, Fixed, 0.02mfd, Mylar C509 8000-00004-001 Capacitor, Fixed, 0.02mfd, Mylar C509 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer. C510 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer. C511 8000-00004-020 Capacitor, Fixed, 5pfd, Mica C512 8000-00004-020 Capacitor, Fixed, 5pfd, Mica C513 8000-00004-020 Capacitor, Fixed, 5pfd, Mica C514 8000-00004-001 Capacitor, Fixed, 5pfd, Mica C515 8000-00004-001 Capacitor, Fixed, 5pfd, Mica C516 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer.		8000-00004-017	
C409         8000-00004-001         Capacitor, Fixed, 0.0lmfd, Cer.           C410         8000-00008-012         Capacitor, Fixed, 0.0lmfd, Cer.           C411         8000-00038-012         Capacitor, Fixed, 130pfd, Mica           C412         Not Used         Capacitor, Fixed, 0.0lmfd, Cer.           C413         8000-00004-006         Capacitor, Fixed, 24pfd, Mica           C414         8000-00004-001         Capacitor, Fixed, 100pfd, Mica           C415         8000-0004-020         Capacitor, Fixed, 0.0lmfd, Cer.           C416         8000-00004-01         Capacitor, Fixed, 47pfd, Mica           C417         8000-00004-021         Capacitor, Fixed, 0.0lmfd, Cer.           C418         8000-00004-021         Capacitor, Fixed, 220pfd, Mica           C421         8000-00038-013         Capacitor, Fixed, 160pfd, Mica           C421         8000-00011-012         Capacitor, Fixed, 1pfd, Mica           C501         8000-00004-03         Capacitor, Fixed, 0.02mfd, Mylar           C502         8000-00004-01         Capacitor, Fixed, 0.02mfd, Mylar           C503         8000-00004-01         Capacitor, Fixed, 0.04mfd, Cer.           C504         8000-0004-02         Capacitor, Fixed, 0.02mfd, Mylar           C505         8000-0004-02         Capacitor, Fixed, 0.02mfd, Mylar		8000-00004-026	
C410         8000-0004-001         Capacitor, Fixed, 0.0lmfd, Cer.           C411         8000-00038-012         Capacitor, Fixed, 130pfd, Mica           C412         Not Used         Capacitor, Fixed, 0.0lmfd, Cer.           C413         8000-00004-001         Capacitor, Fixed, 24pfd, Mica           C414         8000-00004-020         Capacitor, Fixed, 100pfd, Mica           C415         8000-00004-01         Capacitor, Fixed, 100pfd, Mica           C416         8000-00004-021         Capacitor, Fixed, 0.0lmfd, Cer.           C417         8000-00004-021         Capacitor, Fixed, 0.0lmfd, Cer.           C418         8000-00004-021         Capacitor, Fixed, 0.0lmfd, Cer.           C419         8000-0004-027         Capacitor, Fixed, 160pfd, Mica           C420         8000-00038-013         Capacitor, Fixed, 160pfd, Mica           C421         8000-0001-012         Capacitor, Fixed, 0.02mfd, Mylar           C502         8000-0004-011         Capacitor, Fixed, 0.0lmfd, Cer.           C503         8000-00004-011         Capacitor, Fixed, 0.0lmfd, Cer.           C504         8000-0004-045         Capacitor, Fixed, 0.0lmfd, Mylar           C505         8000-0004-045         Capacitor, Fixed, 0.0lmfd, Mylar           C507         8000-00004-042         Capacitor, Fixed, 0.0lmfd, Cer. <td></td> <td>8000-00004-001</td> <td></td>		8000-00004-001	
C411         8000-00038-012         Capacitor, Fixed, 130pfd, Mica           C412         Not Used           C413         8000-00004-001         Capacitor, Fixed, 0.0lmfd, Cer.           C414         8000-00004-006         Capacitor, Fixed, 24pfd, Mica           C415         8000-00004-020         Capacitor, Fixed, 100pfd, Mica           C416         8000-00004-021         Capacitor, Fixed, 0.0lmfd, Cer.           C417         8000-00004-021         Capacitor, Fixed, 0.0lmfd, Cer.           C418         8000-00004-027         Capacitor, Fixed, 220pfd, Mica           C419         8000-00038-013         Capacitor, Fixed, 160pfd, Mica           C420         8000-00038-013         Capacitor, Fixed, 10pfd, Mica           C421         8000-00004-023         Capacitor, Fixed, 0.02mfd, Mylar           C502         8000-00004-03         Capacitor, Fixed, 0.00lmfd, Cer.           C503         8000-00004-01         Capacitor, Fixed, 0.04/mfd, Mylar           C505         8000-00004-045         Capacitor, Fixed, 0.02mfd, Mylar           C505         8000-00004-045         Capacitor, Fixed, 0.02mfd, Mylar           C507         8000-00004-042         Capacitor, Fixed, 0.02mfd, Mylar           C508         8000-00004-001         Capacitor, Fixed, 0.0lmfd, Cer.           C510 <td></td> <td></td> <td></td>			
C412         Not Used           C413         8000-00004-001         Capacitor, Fixed, 0.0lmfd, Cer.           C414         8000-00004-006         Capacitor, Fixed, 24pfd, Mica           C415         8000-00004-020         Capacitor, Fixed, 100pfd, Mica           C416         8000-00004-001         Capacitor, Fixed, 0.0lmfd, Cer.           C417         8000-00004-021         Capacitor, Fixed, 47pfd, Mica           C418         8000-00004-027         Capacitor, Fixed, 220pfd, Mica           C419         8000-00038-013         Capacitor, Fixed, 160pfd, Mica           C421         8000-00038-013         Capacitor, Fixed, 10pfd, Mica           C501         8000-00011-012         Capacitor, Fixed, 0.02mfd, Mylar           C502         8000-00004-011         Capacitor, Fixed, 0.00mfd, Cer.           C503         8000-00004-001         Capacitor, Fixed, 0.047mfd, Mylar           C504         8000-00004-045         Capacitor, Fixed, 0.02mfd, Mylar           C505         8000-00004-045         Capacitor, Fixed, 0.02mfd, Mylar           C506         8000-00004-042         Capacitor, Fixed, 0.02mfd, Mylar           C508         8000-00004-042         Capacitor, Fixed, 0.0lmfd, Cer.           C509         8000-00004-001         Capacitor, Fixed, 0.0lmfd, Cer.           C510 <td></td> <td>8000-00038-012</td> <td>Capacitor, Fixed, 130pfd, Mica</td>		8000-00038-012	Capacitor, Fixed, 130pfd, Mica
C413         8000-00004-001         Capacitor, Fixed, O.0lmfd, Cer.           C414         8000-00004-006         Capacitor, Fixed, 24pfd, Mica           C415         8000-00004-020         Capacitor, Fixed, 100pfd, Mica           C416         8000-00004-001         Capacitor, Fixed, 0.0lmfd, Cer.           C417         8000-00004-021         Capacitor, Fixed, 47pfd, Mica           C418         8000-00004-027         Capacitor, Fixed, 220pfd, Mica           C419         8000-00004-027         Capacitor, Fixed, 220pfd, Mica           C420         8000-00038-013         Capacitor, Fixed, 160pfd, Mica           C421         8000-00011-012         Capacitor, Fixed, 0.02mfd, Mylar           C501         8000-00004-203         Capacitor, Fixed, 0.02mfd, Mylar           C502         8000-00004-01         Capacitor, Fixed, 0.0lmfd, Cer.           C503         8000-00004-01         Capacitor, Fixed, 0.047mfd, Mylar           C505         8000-00004-045         Capacitor, Fixed, 0.02mfd, Mylar           C506         8000-00004-042         Capacitor, Fixed, 0.02mfd, Mylar           C508         8000-00004-042         Capacitor, Fixed, 0.0lmfd, Cer.           C509         8000-00038-014         Capacitor, Fixed, 0.0lmfd, Cer.           C510         8000-0004-00         Capacitor, Fixed, 5pfd,		Not Used	
C414 8000-00004-006 Capacitor, Fixed, 24pfd, Mica C415 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C416 8000-00004-021 Capacitor, Fixed, 0.01mfd, Cer. C417 8000-00004-021 Capacitor, Fixed, 47pfd, Mica C418 8000-00004-021 Capacitor, Fixed, 0.01mfd, Cer. C419 8000-00004-027 Capacitor, Fixed, 220pfd, Mica C420 8000-00038-013 Capacitor, Fixed, 160pfd, Mica C421 8000-00012 Capacitor, Fixed, 160pfd, Mica C421 8000-00004-203 Capacitor, Fixed, 0.02mfd, Cer. C501 8000-00004-011 Capacitor, Fixed, 0.02mfd, Cer. C503 8000-00004-011 Capacitor, Fixed, 0.01mfd, Cer. C504 8000-00004-01 Capacitor, Fixed, 0.047mfd, Mylar C505 8000-00004-045 Capacitor, Fixed, 0.02mfd, Cer. C506 8000-00004-045 Capacitor, Fixed, 0.02mfd, Elect. C507 8000-00004-042 Capacitor, Fixed, 0.02mfd, Elect. C508 8000-00004-042 Capacitor, Fixed, 0.01mfd, Cer. C509 8000-00004-020 Capacitor, Fixed, 0.01mfd, Cer. C510 8000-00004-020 Capacitor, Fixed, 20pfd, N750, Cer. C511 8000-00004-020 Capacitor, Fixed, 5pfd, Mica C512 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C513 8000-00004-020 Capacitor, Fixed, 5pfd, Mica C514 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C515 8000-00004-020 Capacitor, Fixed, 5pfd, Mica C516 8000-00004-020 Capacitor, Fixed, 5pfd, Mica C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.		8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C415 C416 C416 C416 C417 C417 C417 C418 C418 C418 C418 C419 C419 C419 C420 C420 C421 C501 C502 C503 C504 C504 C505 C504 C505 C506 C506 C506 C507 C506 C507 C508 C507 C508 C508 C508 C508 C508 C509 C508 C509 C508 C509 C508 C509 C508 C509 C509 C509 C509 C509 C509 C509 C509		8000-00004-006	Capacitor, Fixed, 24pfd, Mica
C416 C417 C418 C418 C418 C418 C418 C419 C419 C419 C420 C420 C420 C420 C420 C421 C501 C502 C502 C504 C504 C504 C505 C504 C505 C505 C506 C506 C506 C507 C506 C507 C509 C507 C509 C509 C509 C509 C509 C509 C509 C509			Capacitor, Fixed, 100pfd, Mica
C417 8000-00004-021 Capacitor, Fixed, 47pfd, Mica C418 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C419 8000-00004-027 Capacitor, Fixed, 220pfd, Mica C420 8000-00038-013 Capacitor, Fixed, 160pfd, Mica C421 8000-00011-012 Capacitor, Fixed, 1pfd, Mica C501 8000-00004-203 Capacitor, Fixed, 1pfd, Mica C502 8000-00004-011 Capacitor, Fixed, 0.02mfd, Mylar C503 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C504 8000-00004-045 Capacitor, Fixed, 0.047mfd, Mylar C505 8000-00004-045 Capacitor, Fixed, 0.02mfd, Mylar C506 8000-00004-045 Capacitor, Fixed, 0.02mfd, Mylar C507 8000-00004-020 Capacitor, Fixed, 0.01mfd, Cer. C508 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C509 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C510 8000-00004-020 Capacitor, Fixed, 20pfd, N750, Cer. C511 8000-00004-020 Capacitor, Fixed, 47pfd, N470, Cer. C512 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C513 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C514 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C515 8000-00004-001 Capacitor, Fixed, 5pfd, Mica C516 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.			Capacitor, Fixed, 0.01mfd, Cer.
C418         8000-00004-001         Capacitor, Fixed, 0.0lmfd, Cer.           C419         8000-0004-027         Capacitor, Fixed, 220pfd, Mica           C420         8000-00038-013         Capacitor, Fixed, 160pfd, Mica           C421         8000-00011-012         Capacitor, Fixed, 1pfd, Mica           C501         8000-00004-203         Capacitor, Fixed, 0.02mfd, Mylar           C502         8000-00004-011         Capacitor, Fixed, 0.0lmfd, Cer.           C503         8000-00004-001         Capacitor, Fixed, 0.047mfd, Mylar           C504         8000-00004-045         Capacitor, Fixed, 0.02mfd, Mylar           C505         8000-00004-045         Capacitor, Fixed, 0.02mfd, Mylar           C506         8000-0004-042         Capacitor, Fixed, 0.02mfd, Mylar           C507         8000-00004-042         Capacitor, Fixed, 0.0lmfd, Cer.           C508         8000-00004-042         Capacitor, Fixed, 0.0lmfd, Cer.           C509         8000-00004-001         Capacitor, Fixed, 20pfd, N750, Cer.           C510         8000-00004-020         Capacitor, Fixed, 100pfd, Mica           C511         8000-00011-008         Capacitor, Fixed, 5pfd, Mica           C512         8000-00004-001         Capacitor, Fixed, 5pfd, Mica           C514         8000-00004-001         Capacitor, Fixed, 0.0			Capacitor, Fixed, 47pfd, Mica
C419         8000-0004-027         Capacitor, Fixed, 220pfd, Mica           C420         8000-00038-013         Capacitor, Fixed, 160pfd, Mica           C421         8000-0001-012         Capacitor, Fixed, 1pfd, Mica           C501         8000-0004-203         Capacitor, Fixed, 0.02mfd, Mylar           C502         8000-00004-011         Capacitor, Fixed, 0.00lmfd, Cer.           C503         8000-00004-001         Capacitor, Fixed, 0.047mfd, Mylar           C504         8000-00004-045         Capacitor, Fixed, 0.02mfd, Mylar           C505         8000-00004-045         Capacitor, Fixed, 0.02mfd, Mylar           C506         8000-00004-042         Capacitor, Fixed, 0.02mfd, Mylar           C507         8000-00004-042         Capacitor, Fixed, 0.02mfd, Mylar           C508         8000-0004-042         Capacitor, Fixed, 0.01mfd, Cer.           C509         8000-0004-001         Capacitor, Fixed, 0.01mfd, Cer.           C510         8000-00038-014         Capacitor, Fixed, 100pfd, Mica           C511         8000-00038-014         Capacitor, Fixed, 5pfd, Mica           C512         8000-0004-001         Capacitor, Fixed, 5pfd, Mica           C514         8000-0004-001         Capacitor, Fixed, 5pfd, Mica           C515         8000-00004-001         Capacitor, Fixed, 0.01mfd, Cer.			Capacitor, Fixed, 0.01mfd, Cer.
C420         8000-00038-013         Capacitor, Fixed, 160pfd, Mica           C421         8000-00011-012         Capacitor, Fixed, 1pfd, Mica           C501         8000-00004-203         Capacitor, Fixed, 0.02mfd, Mylar           C502         8000-00004-011         Capacitor, Fixed, 0.00lmfd, Cer.           C503         8000-00004-001         Capacitor, Fixed, 0.047mfd, Mylar           C504         8000-00004-045         Capacitor, Fixed, 0.22mfd, Mylar           C505         8000-00004-045         Capacitor, Fixed, 0.2mfd, Mylar           C506         8000-00004-020         Capacitor, Fixed, 0.02mfd, Mylar           C507         8000-00004-042         Capacitor, Fixed, 0.0mfd, Elect.           C508         8000-00004-001         Capacitor, Fixed, 0.0lmfd, Cer.           C509         8000-00030-006         Capacitor, Fixed, 0.0lmfd, Mica           C511         8000-0004-020         Capacitor, Fixed, 100pfd, Mica           C512         8000-0001-008         Capacitor, Fixed, 5pfd, Mica           C513         8000-0004-001         Capacitor, Fixed, 0.0lmfd, Cer.           C514         8000-0004-020         Capacitor, Fixed, 0.0lmfd, Cer.           C515         8000-00004-001         Capacitor, Fixed, 0.0lmfd, Cer.           C516         8000-00004-001         Capacitor, Fixed, 0.0l			Capacitor, Fixed, 220pfd, Mica
C421 8000-00011-012 Capacitor, Fixed, 1pfd, M1ca C501 8000-00004-203 Capacitor, Fixed, 0.02mfd, Mylar C502 8000-00004-011 Capacitor, Fixed, 0.01mfd, Cer. C503 8000-00004-001 Capacitor, Fixed, 0.047mfd, Mylar C504 8000-00004-045 Capacitor, Fixed, 0.047mfd, Mylar C505 8000-00004-045 Capacitor, Fixed, 0.02mfd, Elect. C506 8000-00004-042 Capacitor, Fixed, 0.02mfd, Mylar C507 8000-00004-042 Capacitor, Fixed, 0.01mfd, Cer. C508 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C509 8000-00030-006 Capacitor, Fixed, 20pfd, N750, Cer. C510 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C511 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C512 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C513 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C514 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C515 8000-00004-020 Capacitor, Fixed, 0.01mfd, Cer. C516 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.			Capacitor, Fixed, 160pfd, Mica
C501 8000-0004-203 Capacitor, Fixed, 0.02mfd, Mylar C502 8000-00004-011 Capacitor, Fixed, 0.00lmfd, Cer. C503 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C504 8000-00006-072 Capacitor, Fixed, 0.047mfd, Mylar C505 8000-00004-045 Capacitor, Fixed, 0.02mfd, Elect. C506 8000-00004-042 Capacitor, Fixed, 0.02mfd, Mylar C507 8000-00004-042 Capacitor, Fixed, 0.02mfd, Mylar C508 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C509 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C510 8000-00004-020 Capacitor, Fixed, 20pfd, N750, Cer. C511 8000-00004-020 Capacitor, Fixed, 47pfd, N470, Cer. C512 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C513 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C514 8000-00004-001 Capacitor, Fixed, 5pfd, Mica C515 8000-00004-020 Capacitor, Fixed, 5pfd, Mica C516 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. Capacitor, Fixed, 0.01mfd, C		8000-00011-012	Capacitor, Fixed, 1pfd, Mica
C503 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C504 8000-00006-072 Capacitor, Fixed, 0.047mfd, Mylar C505 8000-00004-045 Capacitor, Fixed, 0.02mfd, Elect. C506 8000-00004-203 Capacitor, Fixed, 0.02mfd, Mylar C507 8000-00004-042 Capacitor, Fixed, 1.0mfd, Elect. C508 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C509 8000-00030-006 Capacitor, Fixed, 20pfd, N750, Cer. C510 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C511 8000-00038-014 Capacitor, Fixed, 47pfd, N470, Cer. C512 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C513 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C514 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C515 8000-00004-020 Capacitor, Fixed, 5pfd, Mica C516 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.		8000-00004-203	Capacitor, Fixed, 0.02mid, Mylar
C504 8000-00006-072 Capacitor, Fixed, 0.047mfd, Mylar C505 8000-00004-045 Capacitor, Fixed, 0.22mfd, Elect. C506 8000-00004-203 Capacitor, Fixed, 0.02mfd, Mylar C507 8000-00004-042 Capacitor, Fixed, 1.0mfd, Elect. C508 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C509 8000-00030-006 Capacitor, Fixed, 20pfd, N750, Cer. C510 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C511 8000-00038-014 Capacitor, Fixed, 47pfd, N470, Cer. C512 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C513 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C514 8000-00004-001 Capacitor, Fixed, 5pfd, Mica C515 8000-00004-020 Capacitor, Fixed, 5pfd, Mica C516 8000-00004-001 Capacitor, Fixed, 100pfd, Mica C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.	C502	8000-00004-011	Capacitor, Fixed, 0.001mfd, Cer.
C505 8000-00004-045 Capacitor, Fixed, 0.22mfd, Elect. C506 8000-00004-203 Capacitor, Fixed, 0.02mfd, Mylar C507 8000-00004-042 Capacitor, Fixed, 1.0mfd, Elect. C508 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C509 8000-00030-006 Capacitor, Fixed, 20pfd, N750, Cer. C510 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C511 8000-00038-014 Capacitor, Fixed, 47pfd, N470, Cer. C512 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C513 8000-00004-001 Capacitor, Fixed, 5pfd, Mica C514 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C515 8000-00004-020 Capacitor, Fixed, 5pfd, Mica C516 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.	C503	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C506 8000-00004-203 Capacitor, Fixed, 0.02mfd, Mylar C507 8000-00004-042 Capacitor, Fixed, 1.0mfd, Elect. C508 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C509 8000-00030-006 Capacitor, Fixed, 20pfd, N750, Cer. C510 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C511 8000-00038-014 Capacitor, Fixed, 47pfd, N470, Cer. C512 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C513 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C514 8000-00004-001 Capacitor, Fixed, 5pfd, Mica C515 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C516 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.	C504		Capacitor, Fixed, 0.047mfd, Mylar
C507 8000-00004-042 Capacitor, Fixed, 1.0mfd, Elect. C508 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer. C509 8000-00030-006 Capacitor, Fixed, 20pfd, N750, Cer. C510 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C511 8000-00038-014 Capacitor, Fixed, 47pfd, N470, Cer. C512 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C513 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer. C514 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C515 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C516 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer.	C505	8000-00004-045	Capacitor, Fixed, 0.22mfd, Elect.
C508 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C509 8000-00030-006 Capacitor, Fixed, 20pfd, N750, Cer. C510 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C511 8000-00038-014 Capacitor, Fixed, 47pfd, N470, Cer. C512 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C513 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C514 8000-00004-001 Capacitor, Fixed, 5pfd, Mica C515 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C516 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.	C506	8000-00004-203	Capacitor, Fixed, 0.02mfd, Mylar
C509 8000-00030-006 Capacitor, Fixed, 20pfd, N750, Cer. C510 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C511 8000-00038-014 Capacitor, Fixed, 47pfd, N470, Cer. C512 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C513 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C514 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C515 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C516 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.	C507	8000-00004-042	Capacitor, Fixed, 1.0mfd, Elect.
C510 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C511 8000-00038-014 Capacitor, Fixed, 47pfd, N470, Cer. C512 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C513 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer. C514 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C515 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C516 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer.	C508	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C511 8000-00038-014 Capacitor, Fixed, 47pfd, N470, Cer. C512 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C513 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C514 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C515 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C516 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.	C509	8000-00030-006	Capacitor, Fixed, 20pfd, N750, Cer.
C512 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C513 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C514 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C515 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C516 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.	C510	8000-00004-020	Capacitor, Fixed, 100pfd, Mica
C513 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C514 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C515 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C516 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.	C511	8000-00038-014	Capacitor, Fixed, 47pfd, N470, Cer.
C514 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C515 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C516 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.	C512	8000-00011-008	Capacitor, Fixed, 5pfd, Mica
C514 8000-00011-008 Capacitor, Fixed, 5pfd, Mica C515 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C516 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.		8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C515 8000-00004-020 Capacitor, Fixed, 100pfd, Mica C516 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.		8000-00011-008	Capacitor, Fixed, 5pfd, Mica
C516 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer. C517 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.0lmfd, Cer.		8000-00004-020	Capacitor, Fixed, 100pfd, Mica
C517 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer. C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.			Capacitor, Fixed, 0.01mfd, Cer.
C518 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.		8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
		8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C519 8000-00004-001 Capacitor, Fixed, 0.01mfd, Cer.		8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.

SYMBOL NO.	PART NO.	DESCRIPTION
C520	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C521	8000-00004-021	Capacitor, Fixed, 47pfd, Mica
C522	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C5,23	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C524	8000-00004-003	Capacitor, Fixed, 0.04mfd, Mylar
C525	8000-00004-003	Capacitor, Fixed, 0.04mfd, Mylar
C526	8000-00004-024	Capacitor, Fixed, 30pfd, Mica
C527	8000-00032-003	Capacitor, Fixed, 470mfd, 16V, Elect.
C528	8000-00004-046	Capacitor, Fixed, 100mfd, 16V, Elect.
C529	8000-00004-044	Capacitor, Fixed, 220mfd, 16V, Elect.
C530	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C531	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C532	8000-00004-003	Capacitor, Fixed, 0.04mfd, Mylar
C533	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C534	8000-00004-011	Capacitor, Fixed, 0.001mfd, Cer.
C535	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C536	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C601	8000-00004-041	Capacitor, Fixed, 150pfd, Mica
C602	8000-00006-061	Capacitor, Fixed, 330pfd, Mica
C603	8000-00004-003	Capacitor, Fixed, 0.04mfd, Mylar
C604	8000-00004-041	Capacitor, Fixed, 150pfd, Mica
C605	8000-00004-002	Capacitor, Fixed, 15pfd, Mica
C701	8000-00004-049	Capacitor, Fixed, 1000mfd, 16V, Elect.
C702	8000-00004-048	Capacitor, Fixed, 0.001mfd, Feed Thru
C703	8000-00004-018	Capacitor, Fixed, 0.1mfd, Mylar
C704	8000-00004-003	Capacitor, Fixed, 0.04mfd, Mylar
C705	Not Used	
C706	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C707	8000-00004-003	Capacitor, Fixed, 0.04mfd, Mylar
C708	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C709	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C801	8000-00011-008	Capacitor, Fixed, 5pfd, Mica
C802	8000-00024-087	Capacitor, Fixed, 1mfd, 50V, Elect.
C803	8000-00024-087	Capacitor, Fixed, 1mfd, 50V, Elect.
C901	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C902	8000-00004-018	Capacitor, Fixed, O.lmfd, Mylar
C903	8000-00011-002	Capacitor, Fixed, 2.2mfd, 16V, Elect.
C904 .C905	8000-00011-002	Capacitor, Fixed, 2.2mfd, 16V, Elect.
C906	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
C900	8000-00004-001	Capacitor, Fixed, 0.01mfd, Cer.
CV-1	8000-00004-204	Capacitor, Var., 10pfd, Trimmer, Cer.
D1	8000-00038-008	Diode, WG713
D2	8000-00038-008	Diode, WG713
D3	8000-00011-046	Diode, 1S1007S
D4	8000-00038-009	Diode, 1N60FM
D5	8000-00011-043	Diode, BZ090
D6	8000-00038-009	Diode, 1N60FM
D7	8000-00038-008	Diode, WG713
D8	8000-00038-009	Diode, 1N60FM
D9	8000-00038-009	Diode, 1N60FM
D10	8000-00004-064	Diode, 1884
D11	8000-00038-009	Diode, 1N60FM
D12	8000-00038-009	Diode, 1N60FM

SYMBOL NO.	PART NO.	DESCRIPTION
D13	8000-00038-008	Diode, WG713
D14	8000-00004-248	Diode, 18352M
D15	8000-00038-009	Diode, 1N60FM
D16	8000-00038-009	Diode, 1N60FM
D17	8000-00004-060	Diode, 1N34A
D18	8000-00011-045	Diode, 181211
D19	8000-00030-010	Diode, 1N4002
D20	8000-00011-043	Diode, BZ090
D21	8000-00038-008	Diode, WG713
D22	8000-00030-010	Diode, 1N4002 Diode, WG713
D23	8000-00038-008	Diode, WG713 Diode, WG713
D24	8000-00038-008	Diode, WG713
D25	8000-00038-008	Diode, MV201
D26	8000-00038-010 8000-00004-239	Diode, 18331
D27		Diode, 1860 FM
D901	8000-00038-009 8000-00038-009	Diode, 1N60 FM
D902	8000-00038-009	Diode, inou Fm
FIL-1	8000-00004-139	Ceramic Filter, LFB-6, 455 KHz
IC1	8000-00038-003	Integrated Circuit, F9316PC
IC2	8000-00038-003	Integrated Circuit, F9316PC
IC3	8000-00038-003	Integrated Circuit, F9316PC
IC4	8000-00038-005	Integrated Circuit, 74H22/9H22
IC5	8000-00038-006	Integrated Circuit, 7493/9393
IC6	8000-00038-006	Integrated Circuit, 7493/9393
IC7	8000-00038-007	Integrated Circuit, F7474PC
IC8	8000-00038-004	Integrated Circuit, 7400/9N00
IC9	8000-00038-002	Integrated Circuit, MC 4044P
J1	8000-00004-069	Connector, Ant., SO-239
J2	8000-00030-021	Jack, External Speaker
J3	8000-00030-021	Jack, PA
J4	8000-00004-070	Jack, Microphone
L1	8000-00038-016	Coil, 508SB1
L2	8000-00004-054	Choke Coil, 3.3uh
r3	8000-00038-017	Coil, C354N
L4	8000-00038-017	Coil, C354N
L5	8000-00030-011	Choke Coil, RF, 2.5uh
L6	8000-00004-078	Goil, CO46ZD
L7	8000-00004-055	Choke HF, 0.65uh
Γ8	8000-00004-077	Coil, CO45ZD
L9	8000-00004-077	Coil, CO45ZD
L10	8000-00004-059	Choke Coil, 0.85uh
L11	8000-00038-022	Coil, Z353ZZ
L12	8000-00004-057	Choke Coil, 150uh
L13	8000-00038-017	Coil, C354N
L14	8000-00038-023	Coil, Z355N
L15	8000-00030-012	Transformer, K-10
M1	8000-00030-029	Meter, A-36

SYMBOL NO.	PART NO.	DESCRIPTION
PL1	8000-00004-142	Lamp, 16V, 40ma
PL2	8000-00004-142	Lamp, 16V, 40ma
PL3	8000-00011-056	Lamp, 12V, 70ma
Q1	8000-00011-047	Transistor, 2SC710C
02	8000-00011-053	Transistor, 3SK45B
Q3	8000-00011-047	Transistor, 2SC710C
Q4	8000-00011-047	Transistor, 2SC710C
Q5	8000-00011-053	Transistor, 3SK45B
Q6	8000-00011-047	Transistor, 2SC710C
Q7	8000-00004-089	Transistor, 2SC495T
Q8	8000-00038-001	Transistor, 2SC1306
Q9 ·	8000-00011-047	Transistor, 2SC710C
Q10	8000-00030-007	Transistor, 2SC403C
Q11	8000-00030-007	Transistor, 2SC403C
Q12	8000-00030-007	Transistor, 2SC403C
Q13.	8000-00030-007	Transistor, 2SC403C
Q14	8000-00030-009	Transistor, 2SD187R or Y
Q15	8000-00030-007	Transistor, 2SC403C
Q16	8000-00004-087	
-	그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그	Transistor, 2SC1014C1
Q17	8000-00004-087	Transistor, 2SC1014C1
Q18	8000-00030-007	Transistor, 28C403C
Q19	8000-00010-017	Transistor, 2SK30GR
Q20	8000-00011-049	Transistor, 2SC458LGC
Q21	8000-00011-047	Transistor, 2SC710C
Q22	8000-00011-047	Transistor, 2SC710C
Q23	8000-00011-047	Transistor, 2SC710C
Q24	8000-00011-047	Transistor, 2SC710C
Q25	8000-00011-047	Transistor, 2SC710C
Q26	8000-00011-050	Transistor, 2SC1061C
Q901	8000-00011-047	Transistor, 2SC710C
Q902	8000-00011-047	Transistor, 2SC710C
R214	8000-00004-091	Resistor, Fixed, 1 ohm, 1 watt, Oxide Film
RL1	8000-00030-022	Relay, HTC-12VDC
S1	8000-00038-032	Switch, Slide, 2PDT
S 2	8000-00038-032	Switch, Slide
s3	8000-00038-032	Switch, Slide
S4	Part of VR-1	
S5	8000-00030-020	Switch, Rotary, 24 Pos.
	me silverie	
SP1	8000-00038-036	Speaker, 8 ohm
<b>T</b> 1	8000-00038-018	Transformer, C294DD
T2-1	8000-00038-019	Transformer, F3571
T2-2	8000-00038-020	Transformer, F358K
Т3	8000-00030-018	Transformer, A088AT

	PART NO.	DESCRIPTION
т4	8000-00012-034	Transformer, EIA227B
T5	8000-00012-034	Transformer, EIA227B
Т6	8000-00038-021	Transformer, A293AP
т7	8000-00030-016	Transformer, CO42DD
T8	8000-00030-019	Transformer, A-31
Т9	8000-00012-037	Transformer, E-03
VR1	8000-00004-098	Res., Var., 10K x 10K ohm, w/sw
VR2	8000-00004-098	Res., Var., 10K x 10K ohm, w/sw
VR3 ·	8000-00004-256	Res., Var., 10K x 10K
VR4	8000-00004-256	Res., Var., 10K x 10K
VR5	8000-00030-002	Res., Var., 5K ohm
VR6	8000-00004-094	Resistor, Var., 100K ohm
VR7	8000-00004-097	Resistor, Var., 10K ohm
VR8	8000-00004-094	Resistor, Var., 100K ohm
VR9	8000-00011-082	Resistor, Var., 1K ohm
X1	8000-00038-011	Crystal, HC25U, 10.240 MHz
	8000-00030-022	Relay, HTC-12VDC
	8000-00038-024	Heat Sink, C1678
	8000-00038-025	Cabinet Top
	8000-00038-026	Cabinet Bottom
	8000-00038-027	Front Bezel
	8000-00038-028	Mounting Bracket
	8000-00030-023	Feed Through Bracket
	8000-00038-029	Heat Sink f/C1475
	8000-00038-030	Mount f/lamp
	8000-00038-031	Front Panel
	8000-00038-033	SBE Jewel
	8000-00038-034	PL Assembly Channel plate knob w/spin plate
	8000-00030-028	Knob double outside
	8000-00038-037	Knob double inside
	8000-00011-119	Knob double inside Knob delta tune
	8000-00038-035	Clamper f/cord
	8000-00030-031	Fuse, 2A
	8000-00004-152	Fuse Holder
	8000-00004-151 8000-00038-038	Rubber f/meter
	8000-00038-038	Grommet
	8000-00038-039	Channel Window Plate
	8000-00004-172	Microphone
	8000-00004-133	Styrofoam
	8000-00038-041	Display Box
	8000-00038-041	Clamp, f/speaker
	0000-00030-042	r,