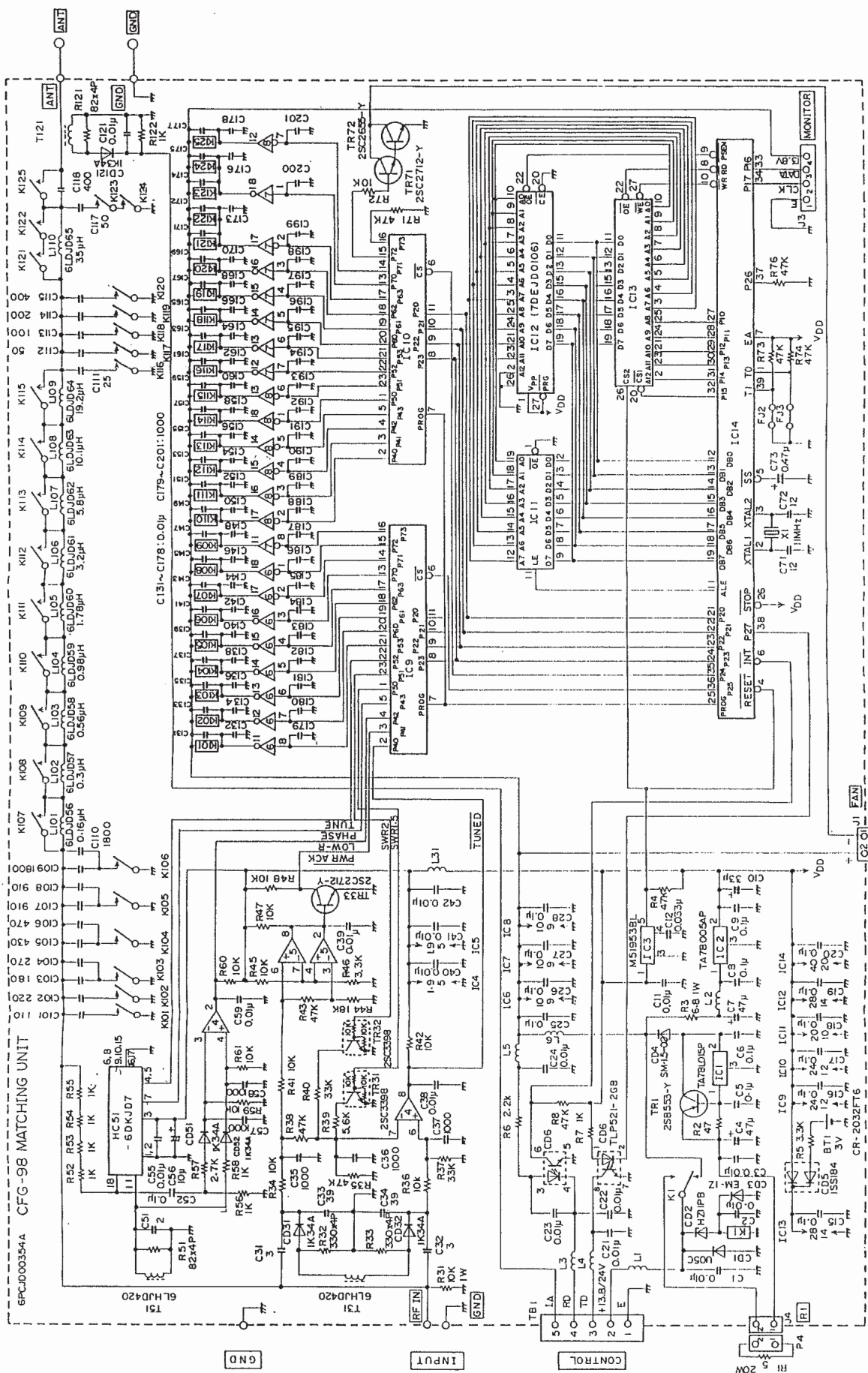


| LOCATION | DESCRIPTION | PART NUMBER | QTY | REMARKS |
|----------|------------------|-------------|-----|------------------------|
| 1 | SCREW | MTV000137 | 4 | HEX BOLT |
| 2 | SCREW | BRJ003247 | 4 | MS22051US |
| 3 | SPRING WASHER | BS5W040005 | 4 | MS1US |
| 4 | PLAIN WASHER | BRJ000218 | 4 | MS1US |
| 5 | LOCK WASHER | MTV000182A | 4 | |
| 6 | INSULATOR COLLAR | BRJ000787 | 5 | CM34985 |
| 7 | SCREW | BSNCD00058 | 6 | TC-408 |
| 8 | SCREW | BRJ002776 | 1 | CM34985 |
| 9 | SILICON RUBBER | 277K800002 | 1 | TC-30A |
| 10 | SILICON RUBBER | 277K800002 | 1 | TC-30A |
| 11 | SCREW | BSNR050108 | 2 | BNK54085 |
| 12 | HEAT SINK PLATE | MTB168031 | 1 | |
| 13 | RESISTOR | SRHA001241 | 1 | |
| 14 | GASKET | MTV000025 | 5 | |
| 15 | GASKET | MTV000025 | 5 | |
| 16 | CORD GRIP | BRJ000133 | 1 | 5CS-10A WITH 600000000 |
| 17 | CORD GRIP | BRJ000133 | 1 | 5CS-10A WITH 600000000 |
| 18 | CORD GRIP | BRJ000133 | 1 | 5CS-10A WITH 600000000 |
| 19 | CORD GRIP | BRJ000133 | 1 | 5CS-10A WITH 600000000 |
| 20 | CORD GRIP | BRJ000133 | 1 | 5CS-10A WITH 600000000 |
| 21 | GASKET | MTV000025 | 1 | 5CS-10A WITH 600000000 |
| 22 | GASKET | MTV000025 | 1 | 5CS-10A WITH 600000000 |
| 23 | SCREW | BSNKC05008 | 3 | MS1US |
| 24 | SPRING WASHER | BS5W050005 | 3 | SW5 |
| 25 | EARTH WIRE | MPKCC08158 | 1 | |
| 26 | GASKET | MTV000025 | 1 | 164-270X-03 |
| 27 | GASKET | MTV000025 | 1 | 164-270X-03 |
| 28 | NUT | BSLNO50028 | 1 | L-NBS5 |
| 29 | TERMINAL | LEJNBW00005 | 1 | COMPRESSION 14-5 |
| 30 | WING NUT | BS5W050008 | 2 | 3S5 |
| 31 | WING NUT | BS5W050008 | 2 | 3S5 |
| 32 | WING NUT | MPKCC08157 | 1 | 14CS1085 |
| 33 | WING NUT | MPKCC08157 | 1 | 14CS1085 |
| 34 | BUSHING | MTV000023 | 1 | WITHIN |
| 35 | GASKET | MTV000023 | 1 | WITHIN |
| 36 | BUSHING | MPKCC08157 | 1 | WITHIN |
| 37 | SCREW | BSNKC05008 | 1 | CM34985 |
| 38 | MOUNTING BRACKET | MTB168031 | 2 | |
| 39 | MOUNTING BRACKET | MTB168031 | 2 | |
| 40 | TERMINAL | LEJNBW00005 | 1 | MANUFACTURED |
| 41 | TERMINAL | LEJNBW00005 | 1 | MANUFACTURED |
| 42 | TERMINAL | LEJNBW00005 | 1 | MANUFACTURED |
| 43 | TERMINAL | LEJNBW00005 | 1 | MANUFACTURED |
| 44 | EARTH WIRE | MPKCC08158 | 3 | |

Figure 6-26 Antenna Coupler (AC 152) Assembly Drawing 6-76



| | | | | | |
|-----|-----------|------|-------------|------|------------|
| IC4 | NJM2903S | IC9 | µPDB2C43C | IC14 | µPDB0C40HC |
| IC5 | NJM2903S | IC10 | µPDB2C43C | | |
| IC6 | TD62084AP | IC11 | MC74HC573N | | |
| IC7 | TD62084AP | IC12 | NBM2764-30 | | |
| IC8 | TD62084AP | IC13 | MBB464-15LP | | |

NOTE:
 Unless otherwise specified;
 - Resistance values are in ohm, 1/8W.
 - Capacitance values are in pF.

Figure 6-27 Antenna Coupler (AC 152) Schematic Diagram

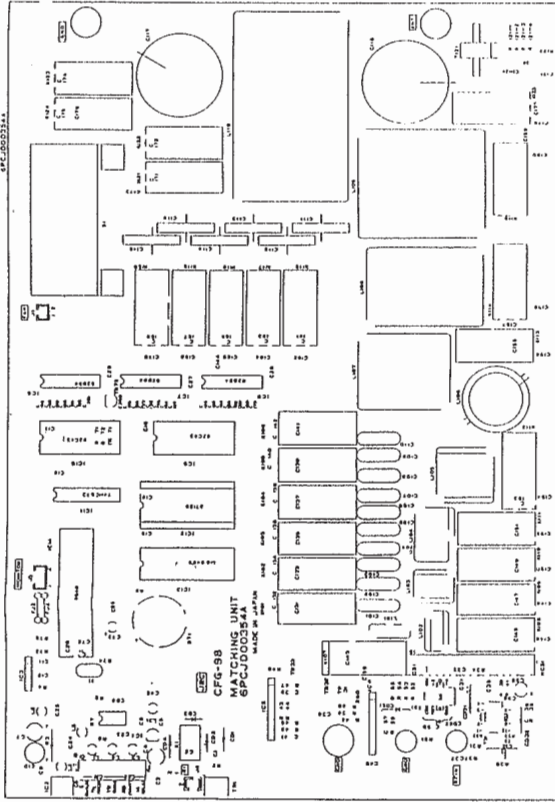


Figure 6-28 Matching Unit (CFG-98) Component Layout

PARTS LIST

| MATCHING UNIT | | | TITLE | | | SHEET NO | | |
|---------------|------------|-------------------------|-------------|------------|--|----------|--|--|
| CFG-98 | | | CFG-98 | | | 1 | | |
| PARTS NO | PARTS NAME | TYPE | DESCRIPTION | CODE | | | | |
| B1 | FAN | H-6BFJ00006 | D12V | 6BFJ00006 | | | | |
| B11 | BATTERY | CR-2032FT6 | 3V 190MAH | 5ZBAD00067 | | | | |
| C1 | CAP,FXD | CER C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 | | | | |
| C2 | CAP,FXD | CER C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 | | | | |
| C3 | CAP,FXD | CER C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 | | | | |
| C4 | CAP,FXD | ELCTLT ECE-A1HU479B | | SCAAD01817 | | | | |
| C5 | CAP,FXD | CER C3216X7R1E104K-E-TP | 0.1U | SCAAD01237 | | | | |
| C6 | CAP,FXD | CER C3216X7R1E104K-E-TP | 0.1U | SCAAD01237 | | | | |
| C7 | CAP,FXD | ELCTLT ECE-A1HU479B | | SCAAD01817 | | | | |
| C8 | CAP,FXD | CER C3216X7R1E104K-E-TP | 0.1U | SCAAD01237 | | | | |
| C9 | CAP,FXD | CER C3216X7R1E104K-E-TP | 0.1U | SCAAD01237 | | | | |
| C10 | CAP,FXD | ELCTLT ECE-A1GU330H | 33UF 16V | SCAAD01828 | | | | |
| C11 | CAP,FXD | CER C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 | | | | |
| C12 | CAP,FXD | CER C3216X7R1H33K-E-TP | 50V 0.033U | SCAAD01357 | | | | |
| C15 | CAP,FXD | CER C3216X7R1E104K-E-TP | 0.1U | SCAAD01237 | | | | |
| C16 | CAP,FXD | CER C3216X7R1E104K-E-TP | 0.1U | SCAAD01237 | | | | |
| C17 | CAP,FXD | CER C3216X7R1E104K-E-TP | 0.1U | SCAAD01237 | | | | |
| C18 | CAP,FXD | CER C3216X7R1E104K-E-TP | 0.1U | SCAAD01237 | | | | |
| C19 | CAP,FXD | CER C3216X7R1E104K-E-TP | 0.1U | SCAAD01237 | | | | |
| C20 | CAP,FXD | CER C3216X7R1E104K-E-TP | 0.1U | SCAAD01237 | | | | |
| C23 | CAP,FXD | CER C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 | | | | |
| C24 | CAP,FXD | CER C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 | | | | |
| C25 | CAP,FXD | CER C3216X7R1E104K-E-TP | 0.1U | SCAAD01237 | | | | |
| C26 | CAP,FXD | CER C3216X7R1E104K-E-TP | 0.1U | SCAAD01237 | | | | |
| C27 | CAP,FXD | CER C3216X7R1E104K-E-TP | 0.1U | SCAAD01237 | | | | |
| C28 | CAP,FXD | CER C3216X7R1E104K-E-TP | 0.1U | SCAAD01237 | | | | |
| C31 | CAP,FXD | CER CC45SL2H030CY | 500V3PF | SCAAB00843 | | | | |
| C32 | CAP,FXD | CER CC45SL2H030CY | 500V3PF | SCAAB00843 | | | | |
| C33 | CAP,FXD | CER C3216CR1H390J-E-TP | | SCAAD00875 | | | | |
| C34 | CAP,FXD | CER C3216CR1H390J-E-TP | | SCAAD00875 | | | | |
| C35 | CAP,FXD | CER C3216B1H102K-E-TP | 1000PF | SCAAD01073 | | | | |
| C36 | CAP,FXD | CER C3216B1H102K-E-TP | 1000PF | SCAAD01073 | | | | |
| C37 | CAP,FXD | CER C3216B1H102K-E-TP | 1000PF | SCAAD01073 | | | | |
| C38 | CAP,FXD | CER C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 | | | | |
| C39 | CAP,FXD | CER C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 | | | | |

PARTS LIST

| MATCHING UNIT | | | TITLE | | | SHEET NO | | |
|---------------|------------|-------------------------|--------------|-------------|--|----------|--|--|
| CFG-98 | | | CFG-98 | | | 2 | | |
| PARTS NO | PARTS NAME | TYPE | DESCRIPTION | CODE | | | | |
| C40 | CAP,FXD | CER C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 | | | | |
| C41 | CAP,FXD | CER C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 | | | | |
| C51 | CAP,FXD | CER C3216CH1H020C-E-TP | 2PF | SCAAD00789 | | | | |
| C52 | CAP,FXD | CER C3216X7R1E104K-E-TP | 0.1U | SCAAD01237 | | | | |
| C55 | CAP,FXD | CER C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 | | | | |
| C56 | CAP,FXD | ELCTLT ECE-A1EU100B | | 5CEAAD01864 | | | | |
| C57 | CAP,FXD | CER C3216B1H102K-E-TP | 1000PF | SCAAD01073 | | | | |
| C58 | CAP,FXD | CER C3216B1H102K-E-TP | 1000PF | SCAAD01073 | | | | |
| C59 | CAP,FXD | CER C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 | | | | |
| C71 | CAP,FXD | CER C3216CH1H120J-E-TP | 12P | SCAAD00784 | | | | |
| C72 | CAP,FXD | CER C3216CH1H120J-E-TP | 12P | SCAAD00784 | | | | |
| C73 | CAP,FXD | TANTAL 202L3502 474KB | | 5CSAC01065 | | | | |
| C101 | CAP,FXD | MICA DM19C111J5 | 500V 110P | 5CMAB01578 | | | | |
| C102 | CAP,FXD | MICA DM19C221J5 | 220PF 500WV | 5CMAB00182 | | | | |
| C103 | CAP,FXD | MICA DM19C181J5 | 500WV 180PF | 5CMAB00301 | | | | |
| C104 | CAP,FXD | MICA DM19C271J5 | 270PF 500WV | 5CMAB00184 | | | | |
| C105 | CAP,FXD | MICA DM19C431J5 | 430PF 500WV | 5CMAB00189 | | | | |
| C106 | CAP,FXD | MICA DM19C671J5 | 470PF 500WV | 5CMAB00190 | | | | |
| C107 | CAP,FXD | MICA DM19C911J5 | 500WV 910PF | 5CMAB00277 | | | | |
| C108 | CAP,FXD | MICA DM19C911J5 | 500WV 910PF | 5CMAB00277 | | | | |
| C109 | CAP,FXD | MICA DM19C182J5 | 500WV 1800PF | 5CMAB00148 | | | | |
| C110 | CAP,FXD | MICA DM19C182J5 | 500WV 1800PF | 5CMAB00148 | | | | |
| C111 | CAP,FXD | CER RDA20-25PF | | 5CCAG00022 | | | | |
| C112 | CAP,FXD | CER RDA20-50PF | | 5CCAG00023 | | | | |
| C113 | CAP,FXD | CER RDA20-100PF | | 5CCAG00024 | | | | |
| C114 | CAP,FXD | CER RDA20-200PF | | 5CCAG00025 | | | | |
| C115 | CAP,FXD | CER RDA20-400PF | | 5CCAG00029 | | | | |
| C117 | CAP,FXD | CER RDA30-50PF | | 5CCAG00028 | | | | |
| C118 | CAP,FXD | CER RDA30-400PF | | 5CCAG00027 | | | | |
| C121 | CAP,FXD | CER C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 | | | | |
| C131 | CAP,FXD | CER C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 | | | | |
| C132 | CAP,FXD | CER C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 | | | | |
| C133 | CAP,FXD | CER C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 | | | | |
| C134 | CAP,FXD | CER C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 | | | | |
| C135 | CAP,FXD | CER C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 | | | | |

PARTS LIST

MATCHING UNIT TITLE CFC-98 SHEET NO 3

| PARTS NO | PARTS NAME | TYPE | DESCRIPTION | CODE |
|----------|-------------|--------------------|-------------|------------|
| C171 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C172 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C173 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C174 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C175 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C176 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C177 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C178 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C179 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C180 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C181 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C182 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C183 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C184 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C185 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C186 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C187 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C188 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C189 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C190 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C191 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C192 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C193 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C194 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C195 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C196 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C197 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C198 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C199 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C200 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C201 | CAP,FXD CER | C3216B1H102K-E-TP | 1000PF | SCAAD01073 |
| C01 | DIODE | U05C | | STXAE00034 |
| C02 | DIODE | HZ11PB | | STXAE00468 |
| C03 | DIODE | EH1Z | 200V 1A | STXAND0061 |
| C04 | DIODE | SM-1.5-02 | | STXAL00083 |

PARTS LIST

MATCHING UNIT TITLE CFC-98 SHEET NO 3

| PARTS NO | PARTS NAME | TYPE | DESCRIPTION | CODE |
|----------|-------------|--------------------|-------------|------------|
| C136 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C137 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C138 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C139 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C140 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C141 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C142 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C143 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C144 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C145 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C146 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C147 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C148 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C149 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C150 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C151 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C152 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C153 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C154 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C155 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C156 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C157 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C158 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C159 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C160 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C161 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C162 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C163 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C164 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C165 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C166 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C167 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C168 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C169 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |
| C170 | CAP,FXD CER | C3216JB1H103K-E-TP | 0.01UF | SCAAD00789 |

PARTS LIST

MATCHING UNIT TITLE C-6-98

PARTS NO. PARTS NAME TYPE DESCRIPTION CODE

| PARTS NO. | PARTS NAME | TYPE | DESCRIPTION | CODE |
|-----------|------------|-----------------|-------------|-------------|
| K105 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K106 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K107 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K108 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K109 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K110 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K111 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K112 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K113 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K114 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K115 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K116 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K117 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K118 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K119 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K120 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K121 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K122 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K123 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K126 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K125 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| L1 | COIL | FBA04VA600VB-00 | | 5LCAA00432 |
| L2 | COIL | FBA04VA600VB-00 | | 5LCAA00432 |
| L3 | COIL | FBA04VA600VB-00 | | 5LCAA00432 |
| L4 | COIL | FBA04VA600VB-00 | | 5LCAA00432 |
| L5 | COIL | FBA04VA600VB-00 | | 5LCAA00432 |
| L6 | COIL | FBA04VA600VB-00 | | 5LCAA00432 |
| L31 | COIL | FBA04VA600VB-00 | | 5LCAA00432 |
| L101 | COIL | H-6LDJD000056 | 0.16UH | 6LDJD000056 |
| L102 | COIL | H-6LDJD000057 | 0.3UH | 6LDJD000057 |
| L103 | COIL | H-6LDJD000058 | 0.56UH | 6LDJD000058 |
| L104 | COIL | H-6LDJD000059 | 0.98UH | 6LDJD000059 |
| L105 | COIL | H-6LDJD000060 | 1.78UH | 6LDJD000060 |
| L106 | COIL | H-6LDJD000061 | 3.2UH | 6LDJD000061 |
| L107 | COIL | H-6LDJD000062 | 5.8UH | 6LDJD000062 |

PARTS LIST

MATCHING UNIT TITLE C-6-98

| PARTS NO. | PARTS NAME | TYPE | DESCRIPTION | CODE |
|-----------|---------------|-----------------|-------------|------------|
| CD5 | DIODE | 1S184 | TE85L | 5TAD00290 |
| CD6 | PHOTOCOUP-LE | TLPS21-2-GB | | 5TAD00234 |
| CD31 | DIODE | 1K34A | | 5TXCH00001 |
| CD32 | DIODE | 1K34A | | 5TXCH00001 |
| CD31 | DIODE | 1K34A | | 5TXCH00001 |
| CD32 | DIODE | 1K34A | | 5TXCH00001 |
| CD121 | DIODE | 1K34A | | 5TXCH00001 |
| FJ2 | | 6ZZAB10000 | | |
| FJ3 | | 6ZZAB10000 | | |
| HC51 | MC | H-6DKJD000007 | | 6DKJD00007 |
| IC1 | IC | TA78L015AP | 15V | 5DAAD00066 |
| IC2 | IC | TA78005AP | | 5DAAD00082 |
| IC22 | SILICON SHEET | IC-30A (10-22C) | | 5ZKRB00002 |
| IC3 | IC | MS1953BL | | 5DAAB00150 |
| IC4 | IC | NJR2903S | | 5DAAN00088 |
| IC5 | IC | NJR2903S | | 5DAAN00088 |
| IC6 | IC | T062084P | | 5DDAE00546 |
| IC7 | IC | T062084P | | 5DDAE00546 |
| IC8 | IC | T062084P | | 5DDAE00546 |
| IC9 | IC | UP082C43C | | 5DDAC00400 |
| IC10 | IC | UP082C43C | | 5DDAC00400 |
| IC11 | IC | MC74HC573N | | 5DAAJ00229 |
| IC12 | IC | MBM2764-30 | | 5DDAT00105 |
| IC122 | ID LABEL | MPNN21173 | | MPNN21173 |
| IC13 | IC | HM6264ALP-15 | | 5DRA600380 |
| IC14 | IC | UP080C40HC | | 5DDAC00635 |
| IC512 | SOCKET | IC105-028-3601P | | 5ZJCK00056 |
| J1 | CONNECTOR | IL-S-2P-S2T2-EF | | 5JWAD00121 |
| J3 | CONNECTOR | IL-S-4P-S2T2-EF | 4PIN | 5JWAC00183 |
| J4 | CONNECTOR | IL-S-2P-S2T2-EF | | 5JWAD00121 |
| J1 | RELAY | HD1-M-DC12V | | 5KLAB00574 |
| K101 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K102 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K103 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |
| K104 | RELAY | G2R-1117P-V-US | DC12V | SKLAF00523 |

| PARTS NO | PARTS NAME | TYPE | DESCRIPTION | CODE |
|----------|---------------|-----------------|---------------|------------|
| R47 | RESISTOR FXD | ERJ-8GEYJ103V | 1/8W 10K OHM | SREAG01750 |
| R48 | RESISTOR FXD | ERJ-8GEYJ103V | 1/8W 10K OHM | SREAG01750 |
| R51-1 | RESISTOR FXD | ERJ-8GEYJ820V | 1/8W 82 OHM | SREAG01725 |
| R51-2 | RESISTOR FXD | ERJ-8GEYJ820V | 1/8W 82 OHM | SREAG01725 |
| R51-3 | RESISTOR FXD | ERJ-8GEYJ820V | 1/8W 82 OHM | SREAG01725 |
| R51-4 | RESISTOR FXD | ERJ-8GEYJ820V | 1/8W 82 OHM | SREAG01725 |
| P52 | RESISTOR FXD | ERJ-8GEYJ102V | 1/8W 1K OHM | SREAG01738 |
| P53 | RESISTOR FXD | ERJ-8GEYJ102V | 1/8W 1K OHM | SREAG01738 |
| P54 | RESISTOR FXD | ERJ-8GEYJ102V | 1/8W 1K OHM | SREAG01738 |
| P55 | RESISTOR FXD | ERJ-8GEYJ102V | 1/8W 1K OHM | SREAG01738 |
| P56 | RESISTOR FXD | ERJ-8GEYJ102V | 1/8W 1K OHM | SREAG01738 |
| P57 | RESISTOR FXD | ERJ-8GEYJ272V | 1/8W 2.7K OHM | SREAG01743 |
| P58 | RESISTOR FXD | ERJ-8GEYJ102V | 1/8W 1K OHM | SREAG01738 |
| P59 | RESISTOR FXD | ERJ-8GEYJ103V | 1/8W 10K OHM | SREAG01750 |
| P60 | RESISTOR FXD | ERJ-8GEYJ103V | 1/8W 10K OHM | SREAG01750 |
| R61 | RESISTOR FXD | ERJ-8GEYJ103V | 1/8W 10K OHM | SREAG01750 |
| R71 | RESISTOR FXD | ERJ-8GEYJ473V | 1/8W 10K OHM | SREAG01750 |
| R72 | RESISTOR FXD | ERJ-8GEYJ103V | 1/8W 10K OHM | SREAG01750 |
| R73 | RESISTOR FXD | ERJ-8GEYJ473V | 1/8W 10K OHM | SREAG01750 |
| R74 | RESISTOR FXD | ERJ-8GEYJ473V | 1/8W 10K OHM | SREAG01750 |
| R76 | RESISTOR FXD | ERJ-8GEYJ473V | 1/8W 10K OHM | SREAG01750 |
| R121-1 | RESISTOR FXD | ERJ-8GEYJ820V | 1/8W 82 OHM | SREAG01725 |
| R121-2 | RESISTOR FXD | ERJ-8GEYJ820V | 1/8W 82 OHM | SREAG01725 |
| R121-3 | RESISTOR FXD | ERJ-8GEYJ820V | 1/8W 82 OHM | SREAG01725 |
| R121-4 | RESISTOR FXD | ERJ-8GEYJ820V | 1/8W 82 OHM | SREAG01725 |
| R122 | RESISTOR FXD | ERJ-8GEYJ103V | 1/8W 10K OHM | SREAG01750 |
| T31 | RF XFMR | H-6LHJD00420 | | 6LHJD00420 |
| T51 | RF XFMR | H-6LHJD00420 | | 6LHJD00420 |
| T121 | COIL | SK-5M-4 | 48UH | 5LWAJ00001 |
| TB1 | TERMINAL | ML-35A-5P | 5P | 5JTAE00394 |
| TR1 | TRANSISTOR | 2SB553-Y | | 5TBAE00036 |
| TR1Z-1 | SILICON SHEET | TC-30A (10-220) | | 5ZKBO0002 |
| TR1Z-2 | BUSHING | YC-40B | | 5ZZDY00005 |
| TR31 | TRANSISTOR | 2SC3398-TB | | 5TCAZ00011 |

| PARTS NO | PARTS NAME | TYPE | DESCRIPTION | CODE |
|----------|--------------|---------------|---------------|-------------|
| L108 | COIL | H-6LDBJ00063 | 10.1UH | 6LDBJ000063 |
| L109 | COIL | H-6LDBJ00064 | 19.2UH | 6LDBJ000064 |
| L110 | COIL | H-6LDBJ00065 | 35UH | 6LDBJ000065 |
| P4 | CONNECTOR | H-6ZCJ940001 | | 6ZCJ940001 |
| P41 | PCB | H-6PCJ000354 | | 6PCJ000354 |
| R1 | RESISTOR FXD | RE70G5 OHM J | | 5RHAAD1141 |
| R2 | RESISTOR FXD | ERJ-8GEYJ470V | 1/8W 47 OHM | SREAG01722 |
| R3 | RESISTOR FXD | ERJ-1ANJ6R8 | 1W 6.8 OHM | SREAG00760 |
| R4 | RESISTOR FXD | ERJ-8GEYJ472V | | SREAG01746 |
| R5 | RESISTOR FXD | ERJ-8GEYJ332V | 1/8W 3.3K OHM | SREAG01744 |
| R6 | RESISTOR FXD | ERJ-8GEYJ272V | 1/8W 2.7K OHM | SREAG01742 |
| R7 | RESISTOR FXD | ERJ-8GEYJ102V | 1/8W 1K OHM | SREAG01738 |
| R8 | RESISTOR FXD | ERJ-8GEYJ472V | | SREAG01746 |
| R31 | RESISTOR FXD | ERG-1ANJ103 | | SREAG00808 |
| R32-1 | RESISTOR FXD | ERJ-8GEYJ331V | 1/8W 330 OHM | SREAG01732 |
| R32-2 | RESISTOR FXD | ERJ-8GEYJ331V | 1/8W 330 OHM | SREAG01732 |
| R32-3 | RESISTOR FXD | ERJ-8GEYJ331V | 1/8W 330 OHM | SREAG01732 |
| R32-4 | RESISTOR FXD | ERJ-8GEYJ331V | 1/8W 330 OHM | SREAG01732 |
| R33-1 | RESISTOR FXD | ERJ-8GEYJ331V | 1/8W 330 OHM | SREAG01732 |
| R33-2 | RESISTOR FXD | ERJ-8GEYJ331V | 1/8W 330 OHM | SREAG01732 |
| R33-3 | RESISTOR FXD | ERJ-8GEYJ331V | 1/8W 330 OHM | SREAG01732 |
| R33-4 | RESISTOR FXD | ERJ-8GEYJ331V | 1/8W 330 OHM | SREAG01732 |
| R34 | RESISTOR FXD | ERJ-8GEYJ103V | 1/8W 10K OHM | SREAG01750 |
| R35 | RESISTOR FXD | ERJ-8GEYJ473V | | SREAG01758 |
| R36 | RESISTOR FXD | ERJ-8GEYJ103V | 1/8W 10K OHM | SREAG01750 |
| R37 | RESISTOR FXD | ERJ-8GEYJ333V | | SREAG01756 |
| R38 | RESISTOR FXD | ERJ-8GEYJ473V | | SREAG01758 |
| R39 | RESISTOR FXD | ERJ-8GEYJ562V | 1/8W 5.6K OHM | SREAG01747 |
| R40 | RESISTOR FXD | ERJ-8GEYJ333V | | SREAG01756 |
| R41 | RESISTOR FXD | ERJ-8GEYJ103V | 1/8W 10K OHM | SREAG01750 |
| R42 | RESISTOR FXD | ERJ-8GEYJ103V | 1/8W 10K OHM | SREAG01750 |
| R43 | RESISTOR FXD | ERJ-8GEYJ473V | | SREAG01758 |
| R44 | RESISTOR FXD | ERJ-8GEYJ123V | 1/8W 12K OHM | SREAG01751 |
| R45 | RESISTOR FXD | ERJ-8GEYJ103V | 1/8W 10K OHM | SREAG01750 |
| R46 | RESISTOR FXD | ERJ-8GEYJ332V | 1/8W 3.3K OHM | SREAG01744 |

| PARTS LIST | | MATCHING UNIT | | TITLE | | CFG-98 | | SHEET NO | |
|------------|---------------|-------------------|-------------|------------|--|--------|--|----------|--|
| | | | | | | | | 9 | |
| PARTS NO | PARTS NAME | TYPE | DESCRIPTION | CODE | | | | | |
| TR32 | TRANSISTOR | 2SC3398-TB | | 5TCAZ00011 | | | | | |
| TR33 | TRANSISTOR | 2SC2712Y 1E85L | | 5TAAG00186 | | | | | |
| TR71 | TRANSISTOR | 2SC2712Y 1E85L | | 5TAAG00186 | | | | | |
| TR72 | TRANSISTOR | 2SC2655-Y | | 5TCAF00246 | | | | | |
| W1 | COAXIAL CABLE | RG-58/U | | 266111180 | | | | | |
| W2 | EARTH WIRE | TBC-1X10 | | 2752100002 | | | | | |
| W3 | P.E WIRE | PE-7/0.32-(CLEAR) | | 2284100902 | | | | | |
| X1 | CRYSTAL | LN-X-008F=11MHZ | F=11MHZ | 5XHAAD0783 | | | | | |

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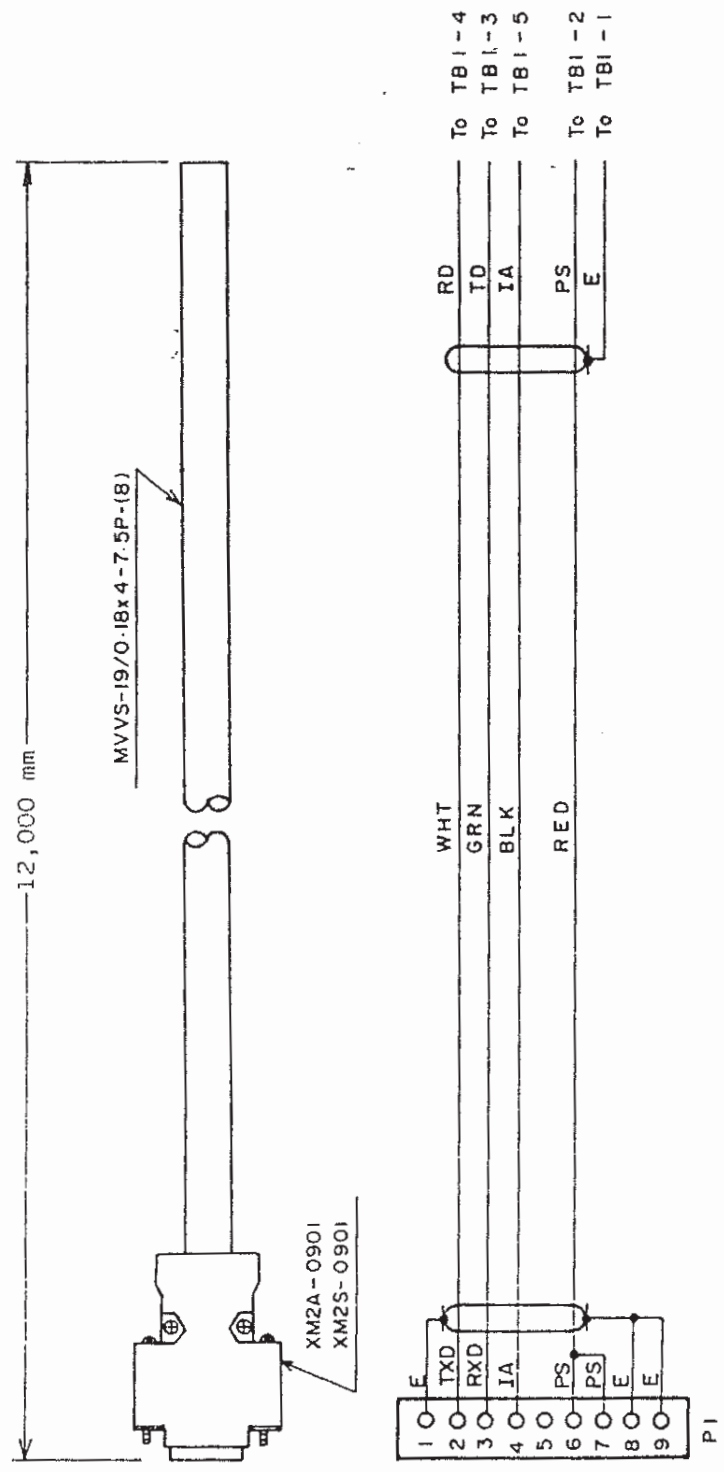


Figure 6-29 Control Cable (CFQ-2858-012) Assembly Drawing

| PARTS LIST | | CONTROL CABLE | | TITLE | | CFR-2858-012 | | SHEET NO. | |
|------------|------------|-------------------------|-------------|-------|------------|--------------|--|-----------|--|
| PARTS NO. | PARTS NAME | TYPE | DESCRIPTION | QTY | CODE | | | | |
| P1 | PLUG | XM2A-0901 | 9P | | 5JJC400008 | | | | |
| P1Z | PLUG | XM2S-0901 | 9P | | 5JJC400011 | | | | |
| W1 | CABLE | MVYS-20/0.18X4-7.8P-(8) | | | 2257100832 | | | | |

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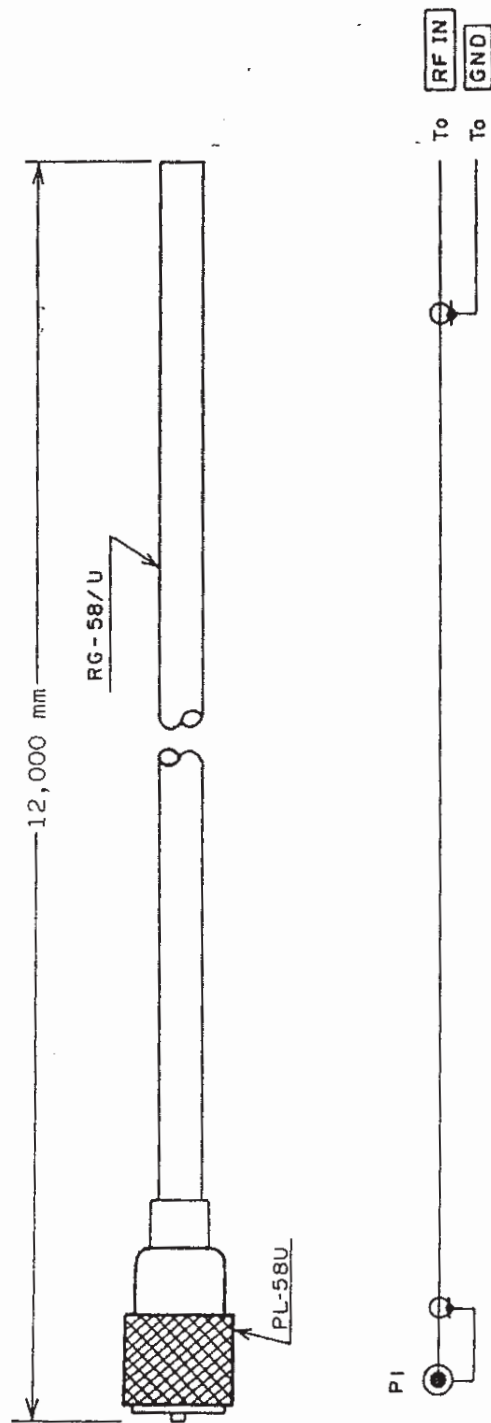


Figure 6-30 RF Cable (CFQ-2859-012) Assembly Drawing