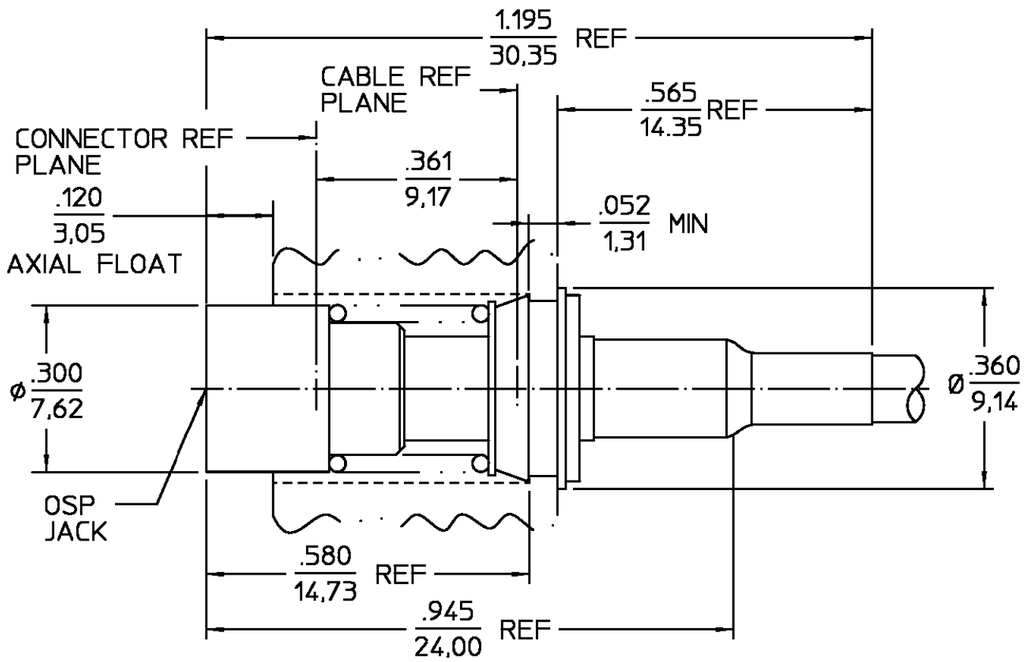
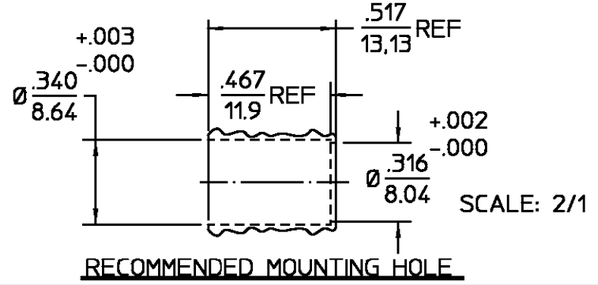



| REVISIONS | | | |
|---|---|---|---|
| REV | DESCRIPTION | DATE | APPROVED |
| $02_1$ | CABLE CHANGE | 2/2/00 | PCV |
| 0 | PER EC 0S14-0058-01-02 | 24OCT01 | C. Hoang |




| CABLE ENTRY DIAMETER MINIMUM DESIGNED FOR USE WITH GORE G4 CABLE | |
|---|---|
| HOUSING | .113 |
| CONTACT | .030 |
| | |

| ELECTRICAL | | MECHANICAL | | ENVIRONMENTAL |
|---|---|---|---|---|
| Nominal Impedance (Ohms) | 50 | Interface Dimensions | | Temperature Rating -65° to +125°C |
| Frequency Range (GHz) DC to | 18 | MIL-STD-348A FIG.321.2 | | Vibration MIL-STD-202, Method |
| Volt Rating (VRMS MAX) | | Mating Characteristics: | | 204, Condition D |
| @ Sea Level | 450 | Insertion (MAX Lbs) | 3 | Shock MIL-STD-202, Method 213, |
| VSWR 1.05+.009f(GHz) DC to 18 GHz | | Withdrawal (MIN Oz) | 1 | Condition I |
| | | Force to Engage (In-Lbs MAX) | 3 | Thermal Shock MIL-STD-202, |
| Insertion Loss (dB MAX) $.03x\sqrt{f(GHz)}$ | | & Disengage (In-Lbs MAX) | 1.5 | Method 107, Condition B |
| RF Leakage (dB MIN) (Interface Only, | | Center Contact Captivation | | Moisture Resistance MIL-STD-202, |
| Fully Mated) | -(90-f(GHz)) | Axial (Lbs) | 6 | Method 106 |
| Corona, 70,000 Ft (VRMS MIN) | 335 | Cable Retention | | Corrosion - MIL-STD-202, Method |
| Dielectric Withstanding Voltage | | Axial Force (Lbs MIN) | 30 | 101, Condition B |
| (VRMS MIN) @ Sea Level | 1000 | Torque (In-Oz MIN) | 16 | |
| Contact Resistance (Milliohms MAX) | | Weight (Grams) | | |
| Center Contact | 2.0 | Spring Rate | 14.2 Lbs | |
| Outer Contact | 2.0 | Pre-Load | 3.0 Lbs | |
| Cable to Housing | 0.5 | Approx Force after Full Travel 4.7 | | |
| RF High Potential @ Sea Level | | Lbs | | |
| (VRMS MIN @ 5 MHz) | 670 | Durability | 5000 cycles | |
| I.R.(Megohms MIN) | 5000 | | | |

| COMPONENT | MATERIAL | FINISH |
|---|---|---|
| HOUSING & FRONT BUSHING | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303 | GOLD PLATE PER MIL-G-45204 |
| DIELECTRIC | TFE FLUOROCARBON PER ASTM-D-1457 | N/A |
| CENTER CONTACT CONTACT RING | BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H | GOLD PLATE PER MIL-G-45204 |
| RETAINING RING, CONTACT SLEEVE & SHIM CONTACT | BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H | GOLD PLATE PER MIL-G-45204 |
| BUSHING | STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303 | PASSIVATE PER QQ-P-35 |
| SPRING RING | BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H | N/A |
| SPRING | STAINLESS STEEL | PASSIVATE PER QQ-P-35 |

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

FRAC. ± 1/64 DEC. ±.005 ANGLES ± 1°

DRAWN BY DATE

CHECKED BY

APP'D BY PCV 12/21/99



USE ASS'Y PROCEDURE

408-08262

NO. A.P. (45-004)

AMP

*AMP Incorporated*

140 Fourth Avenue
Waltham, MA 02451-7599

TITLE OSP FLOATING PANEL FEEDTHRU REAR MOUNT CABLE JACK DIRECT SOLDER ATTATCHMENT

| SIZE | CODE IDENT NO. | | REV |
|---|---|---|---|
| B | 26805 | 4510-5022-00 | $02_0$ |
| SCALE 4 : 1 | | | SHEET 1 OF 1 |

CUSTOMER DRAWING

AMP PART # 1274938-1
SHEET 1 OF 1 REV 0