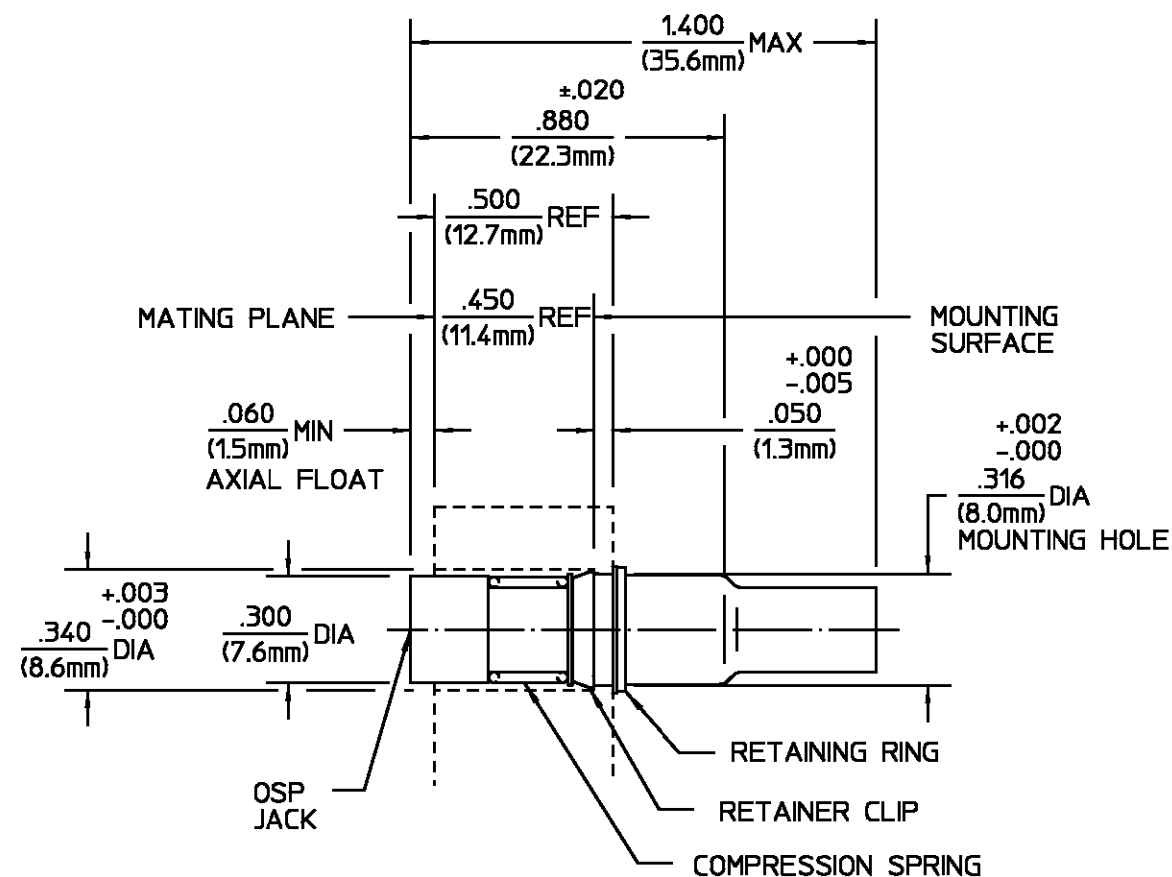




DESIGNED FOR USE WITH RG-316/U, 179, 187, 188 CABLES	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.067
FERRULE	.125
CONTACT	.023

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
01 ₁	REVISED	10/31/95	Tom 11/9/95

DESIGN CONTROL REQUIRED

DESIGN CONTROL REQUIRED		
HOUSING BUSHING SPRING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
CONTACT RING SHIM	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	NICKEL PLATE PER QQ-N-290
RETAINING CLIP	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	GOLD PLATE PER MIL-G-45204
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053/4	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	GOLD PLATE PER MIL-G-45204

COMPONENT			MATERIAL			FINISH			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± °			DRAWN BY RMF		DATE 2/13/95		 <i>AMP Incorporated</i> 140 Fourth Avenue Waltham, MA 02451-7599		
			CHECKED BY						
			APPD BY RMF		2/13/95				
These drawings and specifications are the property of M/A-COM Incorporated and shall not be reproduced or copied or used in whole or in part as the basis for the manufacture or sale of item(s) without written permission.			USE ASSY PROCEDURE 408-08273 NO. A.P. <u>(45-020)</u>			TITLE OSP FLOATING PANEL FEEDTHRU REAR MOUNT CABLE JACK - CRIMP ATTACHMENT			
						SIZE B	CODE IDENT NO. 26805	1250-2262-02	REV 01 ₁
						SCALE 2:1		SHEET 1 OF 1	

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions Per MIL-STD-348A	Temperature Rating -65° to $+125^{\circ}\text{C}$
Frequency Range (GHz) DC to 18	Fig. 321.2	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX)	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
@ Sea Level 250	Insertion (MAX Lbs) 3	Thermal Shock MIL-STD-202, Method 107, Condition B
VSWR $1.15 \pm 0.01\text{f(GHz)}$	Withdrawal (MIN Oz) 1	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) $0.03 \times \sqrt{\text{f(GHz)}}$	Force to Engage (In/Lbs MAX) 3	Corrosion - MIL-STD-202, Method 101, Condition B
RF Leakage (dB MIN) (Interface Only, Fully Mated) $-(90 - \text{f(GHz)})$	& Disengage (In/Lbs MAX) 15	
Corona, 70,000 Ft (VRMS MIN) 190	Center Contact Captivation	
Dielectric Withstanding Voltage	Axial (Lbs) 6	
(VRMS MIN) @ Sea Level 750	Cable Retention	
Contact Resistance (Milliohms MAX)	Axial Force (Lbs MIN) 20	
Center Contact 2.0	Weight (Grams) TBD	
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level		
(VRMS MIN @ 5 MHz) 500		
I.R.(Megohms MIN) 5000		

CUSTOMER DRAWING

AMP PART # 1046300-1
SHEET 1 OF 1 REV A