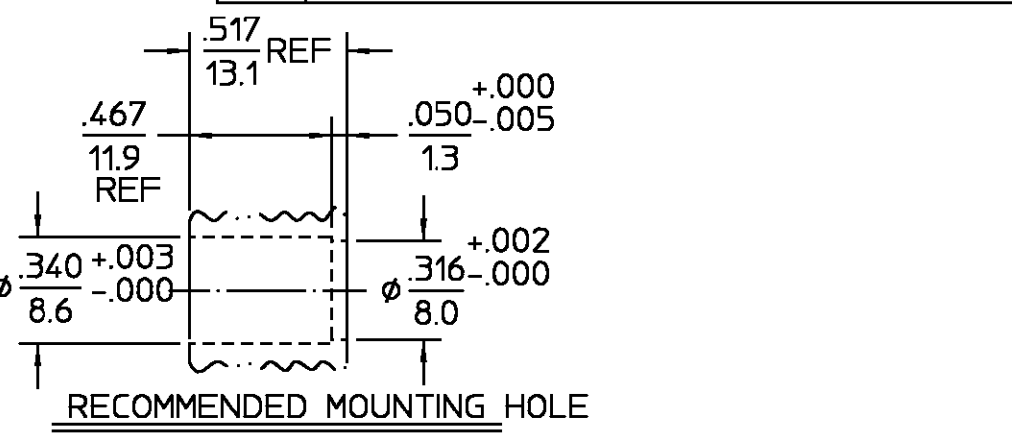


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	PER EC 0S14-0047-01	23OCT01	C. Hoang



CABLE ENTRY DIAMETER MINIMUM DESIGNED FOR USE WITH .085 SEMI-RIGID CABLE	
HOUSING	.089
CONTACT	.021

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions <u>DESC SPEC 85071</u>	Temperature Rating <u>-65° to +125°C</u>
Frequency Range (GHz) DC to <u>22</u>	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>450</u>	Insertion (MAX Lbs) <u>3</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.05+.009f(GHz)</u> DC to 18 GHz <u>1.05+.009f(GHz)</u> 18 to 22 GHz	Withdrawal (MIN Oz) <u>1</u>	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) <u>.03x√f(GHz)</u>	Force to Engage (In-Lbs MAX) <u>3</u> & Disengage (In-Lbs MAX) <u>1.5</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) <u>-(90-f(GHz))</u>	Center Contact Captivation Axial (Lbs) <u>6</u>	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) <u>335</u>	Cable Retention Axial Force (Lbs MIN) <u>30</u> Torque (In-Oz MIN) <u>16</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Weight (Grams)	
Contact Resistance (Milliohms MAX)	Spring Rate <u>14.2 Lbs</u>	
Center Contact <u>2.0</u>	Pre-Load <u>3.0 Lbs</u>	
Outer Contact <u>2.0</u>	Approx Force after Full Travel <u>4.7</u> Lbs	
Cable to Housing <u>0.5</u>	Durability <u>5000 cycles</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>		
LR.(Megohms MIN) <u>5000</u>		

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 & SHIM CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING & CONTACT SLEEVE	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 _____		AMP Incorporated	
	CHECKED BY _____		140 Fourth Avenue Waltham, MA 02451-7599	
These drawings and specifications are the property of M/A COM Interconnect Div. 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.	APPD BY <u>PCW</u> 6/16/99	USE ASS'Y PROCEDURE	TITLE OSP FLOATING PANEL FEEDTHRU REAR MOUNT CABLE JACK DIRECT SOLDER ATTACHMENT	
	408-08262 NO. AP. (45-004)	SIZE B	CODE DENT NO. 26805	REV 01_2
	SCALE 6:1	SHEET 1 OF 1		