



DESIGNED FOR USE WITH .085 DIA S.R. CABLE	REVISIONS
CABLE ENTRY DIAMETER MINIMUM	REV 023 REVISD
CONTACT	.021
HOUSING	.089

REV	DESCRIPTION	DATE	APPROVED
023	REVISD	04/29/94	<i>JD</i>

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER MIL-G-45204
COUPLING NUT	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
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348, Fig. 310.1	Temperature Rating -65°C to 105°C
Frequency Range (GHz) DC to 18.0	Recommended Mating Torque 7 to 10 in-LBs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) Sea Level 335	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition 1
VSWR 1.05 ± .005f(GHz)	Insertion (MAX Lbs) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 115°C
Insertion Loss (dB MAX) .03 √f(GHz)	Withdrawal (MIN Oz) N/A	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -90-f(GHz)	Force to Engage and Disengage (in/Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) Sea Level 1000	Axial (Lbs) N/A	
Contact Resistance (Milliohms MAX)	Radial (in/Oz) N/A	
Center Contact 2.0	Cable Retention	
Outer Contact 2.0	Axial Force (Lbs) 30	
Cable to Housing 0.5	Torque (in/Oz) 16	
RF High Potential Sea Level (VRMS MIN) 5 MHz 670	Weight (Grams) T.B.D.	
IR.(Megohms MIN) 10,000		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY DRJ	DATE 11/1/76	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
TOLERANCE ON	CHECKED BY RBJ	4/13/77	
FRAC. DEC. ANGLES ± 1/64 ± .005 ± °	APPROVED BY RNF	4/14/77	
USE ASSY PROCEDURE		TITLE OSM STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT	
408-04765 NO. AP. (20-007)		SIZE B	CODE IDENT NO. 26805
		SCALE 5:1	REV 023
		SHEET 1 OF 1	

CUSTOMER DRAWING AMP PART # 1050770-1 SHEET 1 OF 1 REV A