



DESIGNED FOR USE WITH	.085 SR CABLE	
CABLE ENTRY DIAMETER MINIMUM		
HOUSING	.089	
CONTACT	.024	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₄	REVISED	1/24/2007	[Signature]
B	PER EC 0U20-0692-00	9/24/01	C. Hoang 9/24/01

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 QQ-P-35
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BRASS PER ASTM-B-16, HALF HARD	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-348A, Fig. 304.1	Temperature Rating -65°C TO +125°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque 12 - 15 LBS	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 599	Force to Engage and Disengage (In/Lbs MAX) 6.0	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.06 + .007 fGHz	Cable Retention Axial Force (Lbs) 60 Torque (In/Oz) 55	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 200°C
Insertion Loss (dB MAX) .05 √ fGHz	Weight (Grams)	Moisture Resistance MIL-STD-202, Method 106, Except Step 7b (Vibration) Shall Be Omitted
RF Leakage (dB MIN) -(90 -f(GHz))		Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 500		
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 2500		
Contact Resistance (Milliohms MAX) Center Contact 1.5 Outer Contact 2.0 Cable to Housing 2.0		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1500		
I.R.(Megohms MIN) 10,000		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY PRB DATE 6/15/67		AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599	
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY BWC DATE 7/3/67		TITLE OSN STRAIGHT PLUG DIRECT SOLDER ATTACHMENT	
	APP'D BY GH DATE 7/3/67		NO. AP. 408-04914 (30-002)	USE ASS'Y PROCEDURE
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		SCALE 4:1	REV 02 ₄ SHEET 1 OF 1	

CUSTOMER DRAWING

AMP PART # 1057094-1
SHEET 1 OF 1 REV B