



CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.1425
CONTACT	.037

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
040	MAJOR CHANGES, ECN 85-0282-4	D.CAM 4/22/85	L.BELOPOLSKY
050	VARIOUS MAJOR CHANGES, ECN 86-0436-5	MB 5/30/86	R.GIERAS
060	VARIOUS MAJOR CHANGES, ECN 87-0769	D.CAM 6/11/87	MH/M 6/17/85
061	DIM 'B' AFTER CRIMPING, FROM .694REF TO .569REF, ECN 88-1143	MC 7/1/88	MY 7/5/88
062	REDRAWN IN CAD, ECN 88-0678	KCM 5/22/90	NGB

- NOTES:
- DESIGNED FOR USE WITH .141 DIA (RG 402/U) SEMI-RIGID CABLE.
 - CAPTURED CENTER CONTACT.
 - PICTORAL VIEW IS AFTER CRIMPING.
 - MIN. STRAIGHT CABLE LENGTH .389
 - IT IS SUGGESTED TO BEND CABLE PRIOR TO CRIMPING.

	DIM 'A'	DIM 'B'
BEFORE CRIMPING	.770 REF (19.6mm)	.694 REF (17.6mm)
AFTER CRIMPING	.657 MAX (16.7mm)	.569 REF (14.5mm)

COMPONENT	MATERIAL	FINISH
HOUSING MOUNTING NUT BUSHING LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE FLUOROCARBON PER MIL-P-19468, FED SPEC L-P-403, & ASTM-D-1457	N/A
CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
O-RING	SILICONE RUBBER PER ZZ-R-765	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348	Temperature Rating -65° to +105°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque 7-10	Vibration MIL-STD-202, Method 204, Condition D, 20 Gs
Volt Rating (VRMS MAX) @ Sea Level 500	Center Contact Captivation Axial (Lbs) 6	Shock MIL-STD-202, Method 213, Condition I, 100 Gs
VSWR 1.05+.005f(GHz)	Cable Retention Axial Force (Lbs) 60	Thermal Shock MIL-STD-202, Method 102, Condition C
Insertion Loss (dB MAX) .05x√f(GHz)	Torque (In/Oz) 55	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) -(100-f(GHz))		Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) 375		
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1500		
Contact Resistance (Milliohms MAX) Center Contact 2.0		
Outer Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1000		
IR.(Megohms MIN) 5000		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1°	DRAWN BY D.CAM DATE 11/29/82	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599												
	CHECKED BY R.GIERAS DATE 1/21/83													
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	TITLE OSM BULKHEAD FEEDTHRU CABLE JACK COMPRESSION CRIMP ATTACHMENT													
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