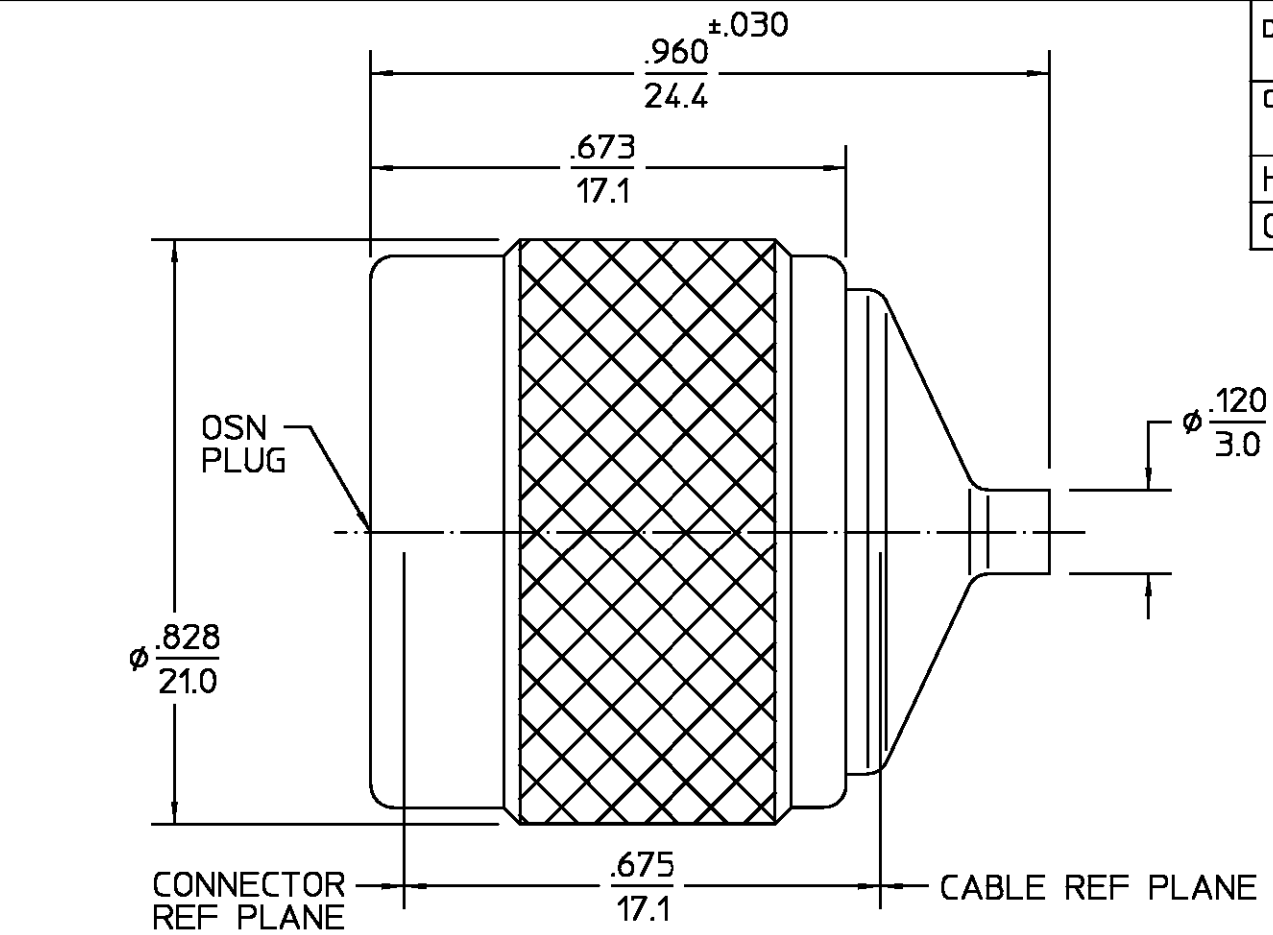




DESIGNED FOR USE WITH .085 SR CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.089
CONTACT	.024

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02 ₄	REVISED	1/24/97	PRC
B	PER EC 0U20-0692-00	9/24/01	C. Hoang

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	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	Torque 12 - 15 LBS	204, Condition D
Sea Level 599	Force to Engage and	Shock MIL-STD-202, Method 213,
VSWR 1.06 + .007 fGHz	Disengage (In/Lbs MAX) 6.0	Condition I
Insertion Loss (dB MAX) .05 √ fGHz	Cable Retention	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN) -(90 -f(GHz))	Axial Force (Lbs) 60	Method 107, Condition B,
Corona, 70,000 Ft (VRMS MIN) 500	Torque (In/Oz) 55	Except High Temp 200°C
Dielectric Withstanding Voltage	Weight (Grams)	Moisture Resistance MIL-STD-202,
(VRMS MIN) Sea Level 2500		Method 106, Except Step 7b
Contact Resistance (Milliohms MAX)		(Vibration) Shall Be Omitted
Center Contact 1.5		Corrosion - MIL-STD-202, Method
Outer Contact 2.0		101, Condition B, 5% salt spray
Cable to Housing 2.0		
RF High Potential Sea Level		
(VRMS MIN 5 MHz) 1.500		
IR.(Megohms MIN) 10,000		

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
COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON FRAC. DEC. ANGLES ± 1/64 ±.005 ± 1° 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.		
DRAWN BY PRB CHECKED BY BWC APPD BY GH DATE 6/15/67 7/3/67 7/3/67 AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599 AMP		
USE ASS'Y PROCEDURE 408-04914 (30-002) NO. A.P. _____ TITLE OSN STRAIGHT PLUG DIRECT SOLDER ATTACHMENT		
SIZE B CODE IDENT NO. 26805 3001-7985-00 REV 02₄		
SCALE 4:1 SHEET 1 OF 1		

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