

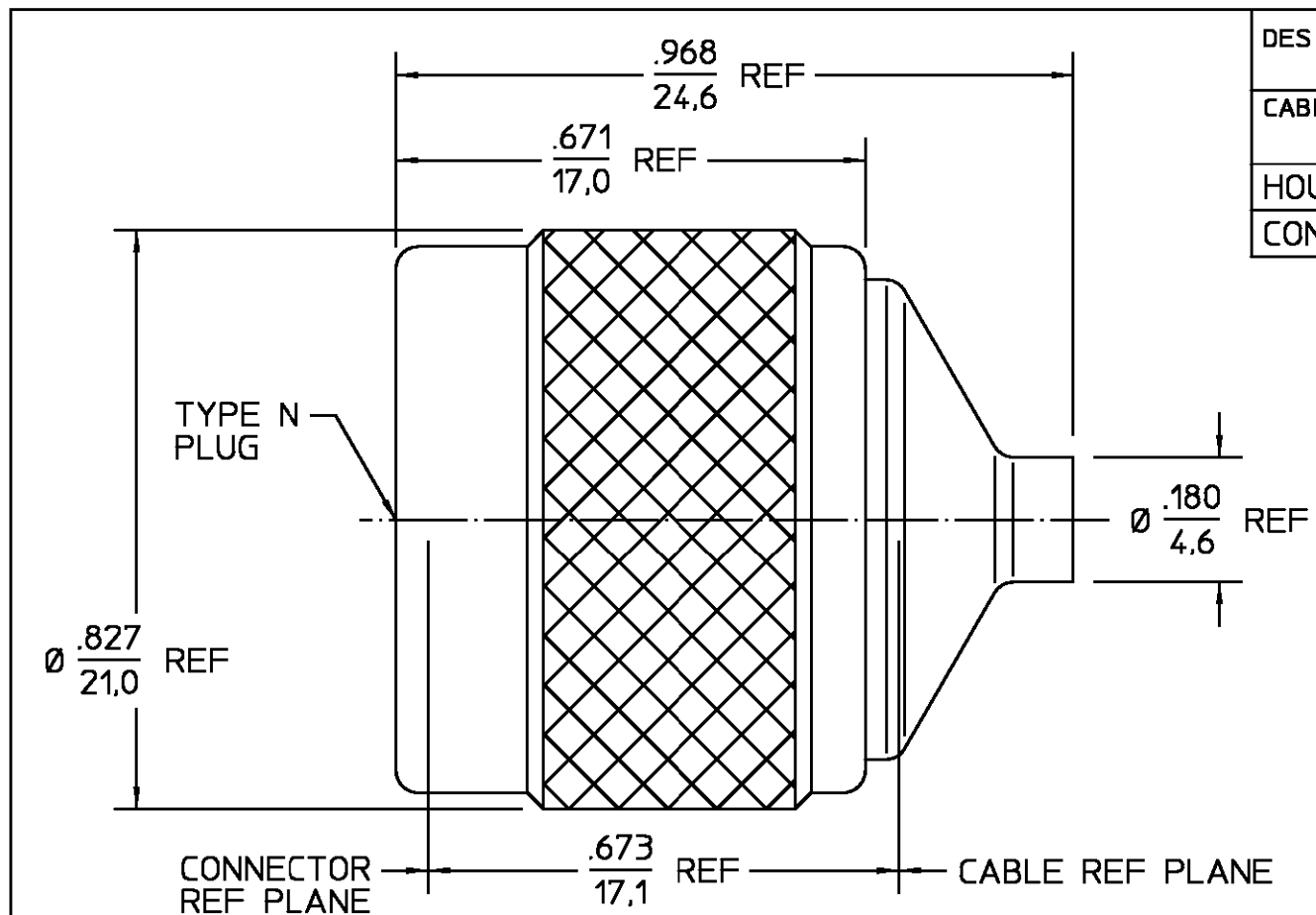
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Jameco Part Number 739411



DESIGNED FOR USE WITH .141 SR CABLE	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.144 (3.66)
CONTACT	.037 (0.94)

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
05 <sub>1</sub>	SEE GEN ECN 80-0084	T.M.C. 3-11-82	G.M. 3-11-82
05 <sub>2</sub>	UPDATED AND REDRAWN IN CAD PER ECN 88-0678; ADDED ELECTRICAL MECHANICAL AND ENV. SPEC BLOCK PER ECN 90-0493	M.C. 4-24-91	<i>DRS</i> 4-24-91
05 <sub>3</sub>	SEE ECN 92-0289	<i>OGM</i> 5/15/92	<i>ME</i> 5/15/92
B	PER EC 0U20-0692-00	9/21/01	<i>C. Hoang</i> 9/21/01

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
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
RETAINING RING	PHOSPHOR BRONZE PER QQ-B-750, GRADE B2	N/A

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 304.1	Temperature Rating -65°C TO +105°C
Frequency Range (GHz) DC to 18	Recommended Mating	Vibration MIL-STD-1344, Method 2005, Condition IV, 30g Peak.
Volt Rating (VRMS MAX) @ Sea Level 500	Torque 12-15 LBS	Shock MIL-STD-1344, Method 2004, Condition G
VSWR 1.06 + .007 f(GHz)	Force to Engage and Disengage (In/Lbs MAX) 6.0	Thermal Shock MIL-STD-1344, Method 1003, Condition A, Except High Temp 115°C
Insertion Loss (dB MAX) .05 √f(GHz)	Cable Retention	Humidity MIL-STD-1344, Method 1002.
RF Leakage (dB MIN) -90 @ 2-3 GHz	Axial Force (Lbs) 60	No measurements at high humidity.
Corona, 70,000 Ft (VRMS MIN) 375	Torque (In/Oz) 55	Insulation resistance shall be at least 200 megohms within 5 minutes after removal from humidity.
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,500	Weight (Grams) 20.6	
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) 1,000		
I.R.(Megohms MIN) 5,000		

COMPONENT	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DRAWN BY DRB DATE 6-15-67	AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY EDT DATE 7-19-67	
	APPD BY D.NANIA DATE 9-25-67	
These drawings and specifications are the property of AMP 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.	USE ASS'Y PROCEDURE 408-04915 NO. AP. (30-001)	TITLE TYPE N STRAIGHT CABLE PLUG DIRECT SOLDER ATTACHMENT
	SIZE B	CODE IDENT NO. 26805
	SCALE 4:1	3001-7941-00
		REV 05 <sub>3</sub>
		SHEET 1 OF 1

CUSTOMER DRAWING

AMP PART # 1057088-1  
SHEET 1 OF 1 REV B