

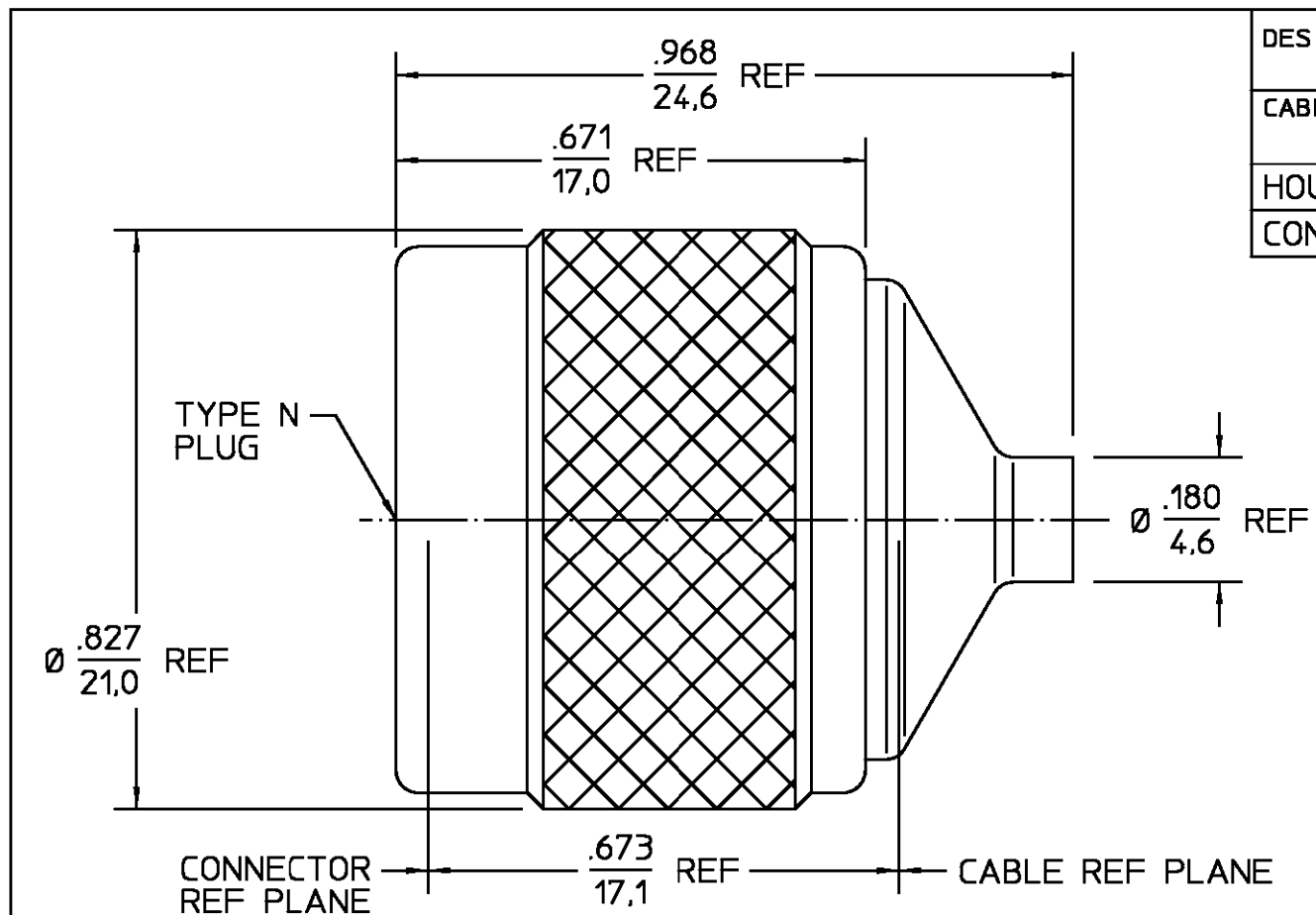
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Jameco Part Number 739411



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>OEM</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

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

ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz)	DC to 18
Volt Rating (VRMS MAX)	
@ Sea Level	500
VSWR	1.06 + .007 f(GHz)
Insertion Loss (dB MAX)	.05 √f(GHz)
RF Leakage (dB MIN)	-90 @ 2-3 GHz
Corona, 70,000 Ft (VRMS MIN)	375
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	1,500
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

MECHANICAL	
Interface Dimensions MIL-STD-348A, Fig. 304.1	
Recommended Mating Torque	12-15 LBS
Force to Engage and Disengage (In/Lbs MAX)	6.0
Cable Retention Axial Force (Lbs)	60
Torque (In/Oz)	55
Weight (Grams)	20.6

ENVIRONMENTAL	
Temperature Rating	-65°C TO +105°C
Vibration	MIL-STD-1344, Method 2005, Condition IV, 30g Peak.
Shock	MIL-STD-1344, Method 2004, Condition G
Thermal Shock	MIL-STD-1344, Method 1003, Condition A, Except High Temp 115°C
Humidity	MIL-STD-1344, Method 1002.
No measurements at high humidity. Insulation resistance shall be at least 200 megohms within 5 minutes after removal from humidity.	
.XXX = in XX.X = mm (REF)	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCE ON	DATE 6-15-67	<b>AMP</b> AMP Incorporated 140 Fourth Avenue Waltham, MA 02451-7599
FRAC. DEC. ANGLES ± 1/64 ±.005 ± °	CHECKED BY EDT 7-19-67	
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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	3001-7941-00
SCALE 4:1	REV 05 <sub>3</sub>	
		SHEET 1 OF 1