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COMPONENT	MATERIAL	FINISH
HOUSING BUSHING COUPLING NUT CLAMP 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	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H	N/A
GASKET O-RING	SILICONE RUBBER PER ZZ-R-765	N/A

DESIGNED FOR USE WITH .375 Micro-porous CABLE ENTRY DIAMETER MINIMUM	
CLAMP NUT	.385 [9.78]
BUSHING	.295 [7.49]
CONTACT	.118 [3.00]

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 313-1	Temperature Rating -65 TO 105°C
Frequency Range (GHz) DC to 15.0	Recommended Mating Torque 4 TO 65 IN-LBS	Vibration MIL-STD-202, Method 204, Condition B
Volt Rating (VRMS MAX) @ Sea Level 500	Mating Characteristics: Insertion (MAX Lbs) 5	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.22:1 MAX AT 8 GHz	Withdrawal (MIN Oz) N/A	Thermal Shock MIL-STD-202, Method 107, Condition B, Except High Temp 115°C
Insertion Loss (dB MAX) $.06\sqrt{F}$ (GHz)	Force to Engage and Disengage (In-Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) -60	Center Contact Captivation Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 375	Cable Retention Axial Force (Lbs) TBD	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1,500	Torque (In-Oz) TBD	
Contact Resistance (Milliohms MAX) Center Contact 1.5	Weight (Grams) TBD	
Outer Contact 0.2		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1,000		
I.R.(Megohms MIN) 1,000		

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
B		REV PER ECO 14-015941	12-1-14	CT	WM

1.291 REF [32.8]

.535 [13.6]

.528 [13.4]

∅ .040
1.0 LOCKWIRE
(3 PLCS @120° APART)

.625
15.9 HEX

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	01DEC2014	
DIMENSIONS: INCHES		CHK	C.C.THOMAS 12-1-14	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		
0 PLC ± -		W.MOYER		
1 PLC ± -		APVD		
2 PLC ± -		W.MOYER 12-1-14		
3 PLC ± .005		PRODUCT SPEC		
4 PLC ± -		APPLICATION SPEC		
ANGLES ± 1°		SIZE		
MATERIAL		WEIGHT		RESTRICTED TO
FINISH		A2 00779		1060929-1
		CUSTOMER DRAWING		SCALE 4:1 SHEET 1 OF 1 REV B

1471-9 (3/11)

1060929-1

1060929-1
PART NUMBER

TNC STRAIGHT CABLE
PLUG-CLAMP ATTACHMENT

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