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COMPONENT	MATERIAL	FINISH
HOUSING CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER ASTM-B-488
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT CONTACT EXTENSIONS	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER ASTM-B-488

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	REV PER ECO 11-021365	10-26-11	CT	DW

MACHINE MARKS ON ONE OR BOTH SIDES OF SHELL ARE PERMITTED IN THIS AREA

.500 [12.70]

.250 [6.35]

.125 [3.18] TYP

∅.050 [1.27]

.585 [14.86]

.458 [11.63]

.250-36 UNS-2A TH'D

.250 [6.35] SQUARE

.200 [5.08] TYP

.040 [1.02] SQUARE 4 PLC

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348 <u>310.2</u>	TEMPERATURE RATING <u>-65° TO 105°C</u>
Frequency Range (GHz) <u>.5 to 18</u>	Mating Characteristics:	Vibration - MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) <u>335</u>	Insertion (MAX Lbs) <u>3.0</u>	Shock - MIL-STD-202, Method 213, Condition I
VSWR <u>N/A</u>	Withdrawal (MIN Oz) <u>1.0</u>	Thermal shock MIL-STD-202, Method 107 Test Condition B EXCEPT HIGH TEMP 125°C
Insertion Loss (dB MAX) <u>N/A</u>	Connector Engagement and Disengagement (In/Lbs MAX) <u>2</u>	Moisture Resistance - MIL-STD-202, Method 106
RF Leakage <u>N/A</u>	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Axial <u>6.0 LBS MIN</u>	
Dielectric Withstanding Voltage (VRMS MIN) <u>1000</u>	Radial <u>4.0 IN/OZ MIN</u>	
Contact Resistance (Milliohms MAX)	Weight (Grams) <u>TBD</u>	
Center Contact <u>3.0</u>		
Outer Contact <u>2.0</u>		
RF High Potential (VRMS MIN @ 5 MHz) <u>670</u>		
I.R.(Megohms) <u>5000 MIN</u>		

1. CAPTURED CENTER CONTACT

M39012/94-3002	1053398-1
MILITARY NUMBER	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 26OCT2011	TE Connectivity	
DIMENSIONS: INCHES [mm]		CHK D.WILSON 10-26-11	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D.WILSON 10-26-11	SMA RIGHT ANGLE PCB JACK ASSEMBLY	
0 PLC ± -		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
1 PLC ± -		APPLICATION SPEC	A2 00779 C=1053398	
2 PLC ± -		WEIGHT	SCALE 5:1 SHEET 1 of 1 REV B	
3 PLC ± .005 [0.13]		CUSTOMER DRAWING		
4 PLC ± -				
ANGLES ± -				
FINISH				

1471-9 (3/11)