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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

0.500 [12.70]

0.250 [6.35]

0.125 [3.18] TYP

0.050 [1.27]

0.585 [14.86]

0.458 [11.63]

0.250-36 UNS-2A TH'D

0.250 [6.35] SQUARE

0.200 [5.08] TYP

0.040 [1.02] SQUARE 4 PLC

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

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 SMA RIGHT ANGLE PCB JACK ASSEMBLY	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D.WILSON 10-26-11	SIZE A2 CAGE CODE 00779 DRAWING NO. 1053398	
0 PLC ± -		PRODUCT SPEC	RESTRICTED TO	
1 PLC ± -		APPLICATION SPEC	SCALE 5:1 SHEET 1 of 1 REV B	
2 PLC ± -		WEIGHT -		
3 PLC ± .005 [0.13]		CUSTOMER DRAWING		
4 PLC ± -				
ANGLES ± -				
FINISH -				

1471-9 (3/11)