

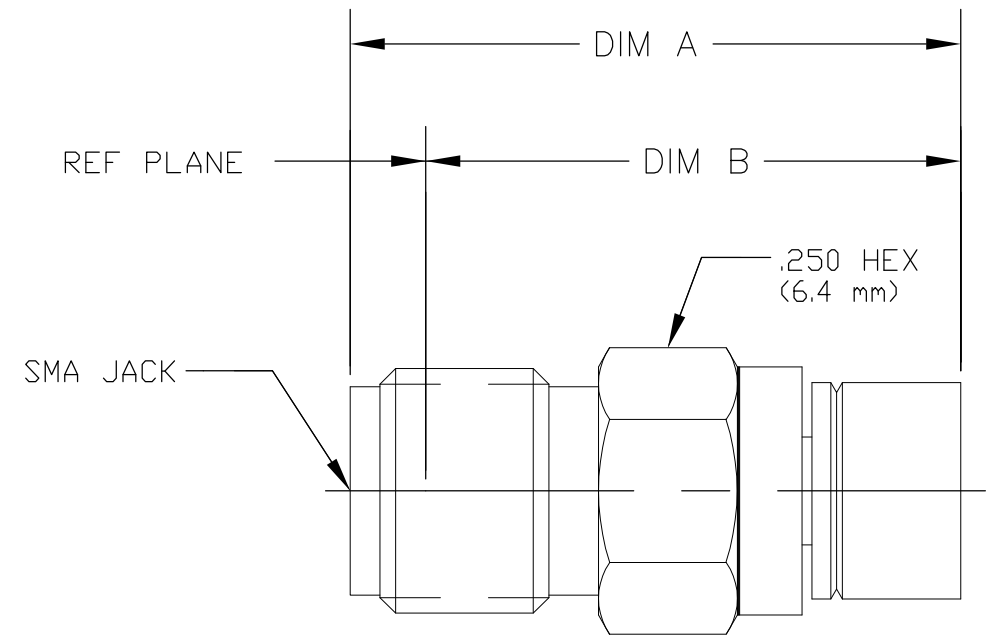
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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
—	—		A	REV PER ECO-10-020463	16DEC10	PY	DW

DESIGNED FOR USE WITH
.085 S.R.(RG 405/U)

CABLE ENTRY DIAMETER
MINIMUM

HOUSING	.088
CONTACT	.021



- NOTES:
1. PICTORIAL VIEW IS AFTER CRIMPING
 2. MIN STRAIGHT CABLE LENGTH: .292
 3. IT IS SUGGESTED TO BEND CABLE PRIOR TO CRIMPING
 4. CRIMP BUSHING MAY BE SHIPPED UNASSEMBLED

BEFORE CRIMPING	.721 REF (18.3 mm)	.645 REF (16.4 mm)
AFTER CRIMPING	.620 MAX (15.7 mm)	.535 REF (13.6 mm)
	DIM "A"	DIM "B"

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions <u>MIL-STD-348 Fig 310.2</u>	TEMPERATURE RATING <u>-65° TO +165°C</u>
Frequency Range (GHz) <u>DC to 18</u>	Recommended Mating Torque <u>7-10 In-lbs</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Center Contact Captivation Axial (Lbs) <u>6</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.07+.01f(GHz)</u>	Radial (In/Oz) <u>NONE</u>	Thermal Shock MIL-STD-202, Method 102, Condition C
Insertion Loss (dB MAX) <u>.03x √ f(GHz)</u>	Cable Retention Axial Force (Lbs) <u>30</u>	EXCEPT HIGH TEMP +115°C
RF Leakage (dB MIN) <u>-90 @ 2-3 GHz</u>	Torque (In/Oz) <u>16</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Weight (Grams) <u>2.1</u>	Corrosion - MIL-STD-202, Method 101, Condition B
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Mating Characteristics Insertion (Max Lbs) <u>3</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>3.0</u>	Withdrawal (Min Oz) <u>1</u>	
Outer Contact <u>2.0</u>	Connector Engagement and Disengagement (In/Lbs Max) <u>2</u>	
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>		
I.R.(Megohms MIN) <u>5000</u>		

COMPONENT	MATERIAL	FINISH	PART NUMBER
HOUSING BUSHING	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380	1050934-1
DIELECTRIC	TFE FLUOROCARBON PER MIL-P-19468 AND FED SPEC L-P-403	N/A	
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P. YEAGER 16DEC2010	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES		CHK D. WILSON 16DEC10		
		APVD D. WILSON 16DEC10	NAME SMA STRAIGHT CABLE JACK COMPRESSION CRIMP ATTACHMENT M39012/81-3207 CAT F	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC —	APPLICATION SPEC 408-8758	RESTRICTED TO —
MATERIAL SEE TABLE		FINISH SEE TABLE	WEIGHT —	SIZE A3
CUSTOMER DRAWING			CAGE CODE 00779	DRAWING NO G-1050934
SCALE 6:1			SHEET 1 OF 1	REV A