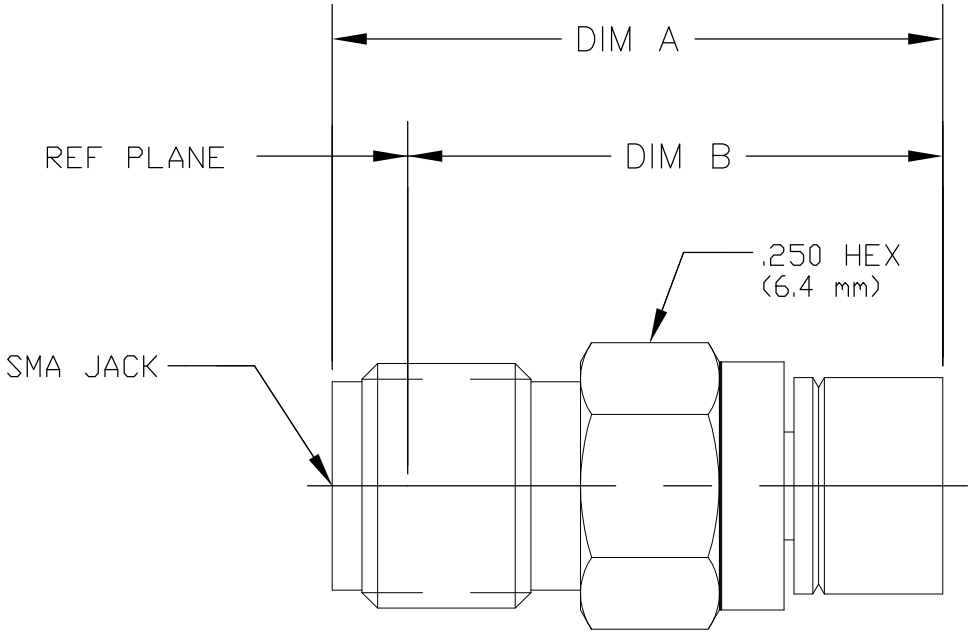


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DESIGNED FOR USE WITH .085 S.R.(RG 405/U)			
CABLE ENTRY DIAMETER MINIMUM			
HOUSING	.088		
CONTACT	.021		

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



- 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>		

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	
COMPONENT	MATERIAL	FINISH	PART NUMBER
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN P. YEAGER 16DEC2010 CHK D. WILSON 16DEC10 APVD D. WILSON 16DEC10 PRODUCT SPEC APPLICATION SPEC 408-8758 WEIGHT —	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .005 4 PLC ± — ANGLES ± —	Tyco Electronics Corporation Harrisburg, PA 17105-3608 NAME SMA STRAIGHT CABLE JACK COMPRESSION CRIMP ATTACHMENT M39012/81-3207 CAT F SIZE CAGE CODE DRAWING NO RESTRICTED TO A3 00779 C-1050934 —	
MATERIAL SEE TABLE	FINISH SEE TABLE	CUSTOMER DRAWING SCALE 6:1 SHEET 1 OF 1 REV A	

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