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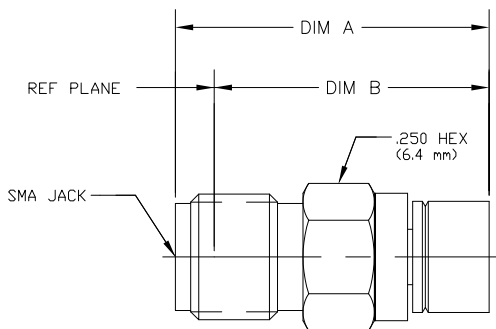
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DESIGNED FOR USE WITH .085 S.R.(RG 405/U)	
CABLE ENTRY DIAMETER MINIMUM	
HOUSING	.088
CONTACT	.021

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) 50	Interface Dimensions MIL-STD-348 Fig. 310.2	TEMPERATURE RATING -65° TO +185°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque 7-10 In-lbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Center Contact Captivation Axial (Lbs) 6	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.07+0.1F(GHz)	Cable Retention Axial Force (Lbs) 30	Thermal Shock MIL-STD-202, Method 102, Condition C
Insertion Loss (dB MAX) .03x √ F(GHz)	Torque (In/Dz) 16	EXCEPT HIGH TEMP +115°C
RF Leakage (dB MIN) -90 @ 2-3 GHz	Weight (Grams) 21	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) 250	Mating Characteristics Insertion (Max Lbs) 3	Corrosion - MIL-STD-202, Method 101, Condition B
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Withdrawal (Min Dz) 1	
Contact Resistance (Milliohms MAX) Center Contact 3.0	Connector Engagement and Disengagement (In/Lbs Max) 2	
Dutier Contact 2.0		
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms MIN) 5000		

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	Tyco Electronics Corporation Harrisburg, PA 17105-3608
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± -	NAME SMA STRAIGHT CABLE JACK COMPRESSION CRIMP ATTACHMENT M39012/81-3207 CAT F	RESTRICTED TO
MATERIAL SEE TABLE	FINISH SEE TABLE	SIZE A3 CAGE CODE 00779 DRAWING NO C=1050934	SCALE 6:1 SHEET 1 OF 1 REV A
CUSTOMER DRAWING			

1470-19 (1/08)