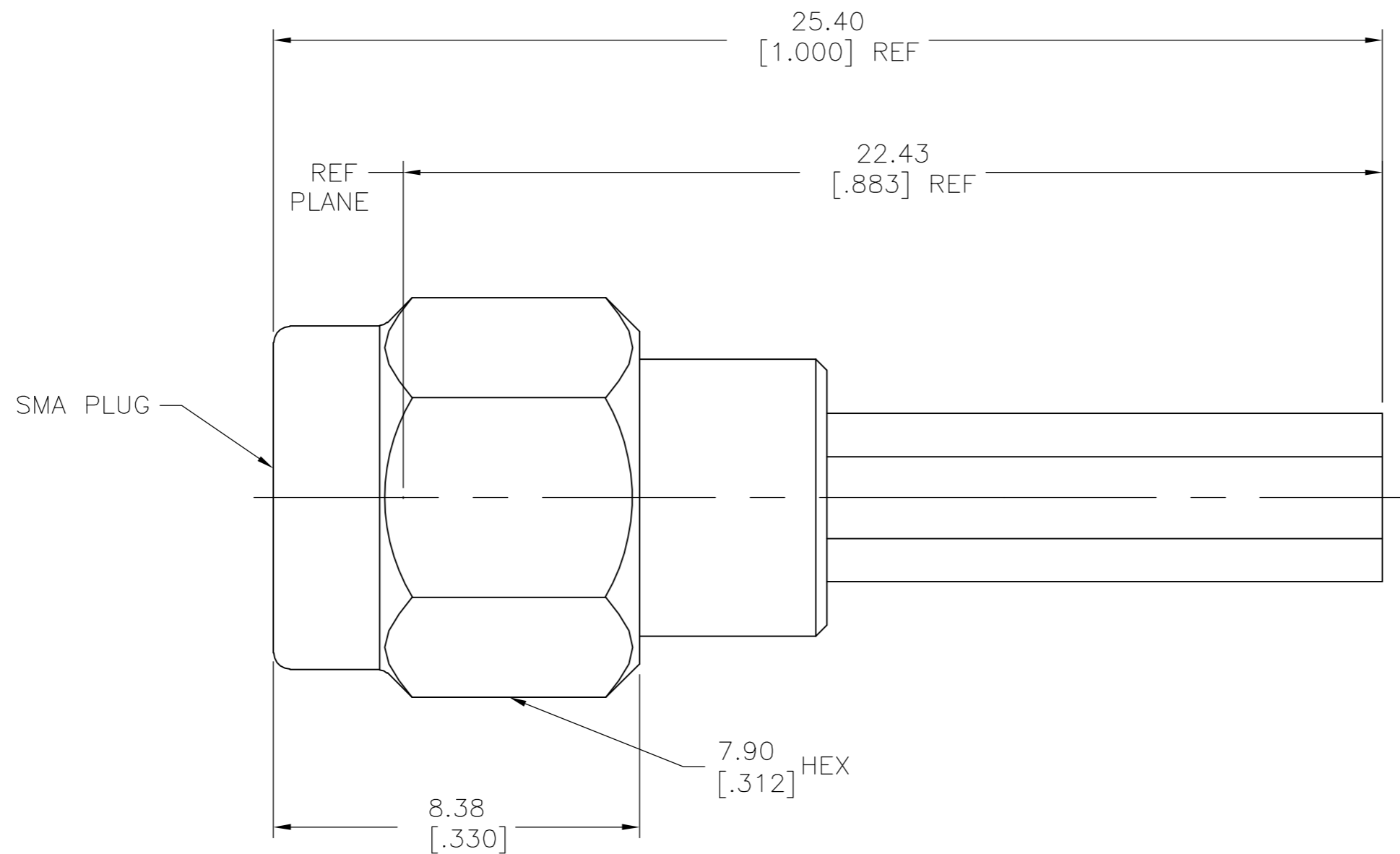


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DESIGNED FOR USE WITH  
 RG-174/U, RG-1BB/U &  
 RG-316/U.

REVISIONS				DATE	DWN	APVD
P	LTR	DESCRIPTION	DATE	DWN	APVD	
A		REVISED PER EC 0514-0150-05	10OCT2005	REH	KW	

CABLE ENTRY DIAMETER MINIMUM	
FERRULE	3.17 [.125]
HOUSING	1.67 [.066]
CONTACT	0.58 [.023]



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50 Frequency Range (GHz) DC to 6 Volt Rating (VRMS MAX) @ Sea Level 250 VSWR 1.20:1 MAX Insertion Loss (dB MAX) .06 √f(GHz) RF Leakage (dB MIN) -90 @ 2 to 3 GHz Corona, 70,000 Ft (VRMS MIN) 190 Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 750 Contact Resistance (Milliohms MAX) Center Contact 3.0 Outer Contact 2.0 Cable to Housing 0.5 RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 500 I.R.(Megohms MIN) 5,000	Interface Dimensions MIL-STD-348A, Fig. 310.1 Recommended Mating Torque 3-5 In-Lbs (0.34-0.57 Nm) Mating Characteristics: Insertion (MAX lbs) N/A Withdrawal (MIN oz) N/A Force to Engage and Disengage (In-Lbs MAX) 2.0 (0.23 Nm) Center Contact Captivation Axial (lbs) 6.0 (2.7 Kg) Radial (In-oz) N/A Cable Retention Axial Force (lbs MIN) 20 (9.1 Kg) Torque (In-oz MIN) N/A	TEMPERATURE RATING -65°C TO +165°C Vibration MIL-STD-202, Method 204, Condition D Shock MIL-STD-202, Method 213, Condition I Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP SHALL BE +85°C Moisture Resistance MIL-STD-202, Method 106, except step 7b is omitted. No measurement at high humidity. Insulation resistance shall be at least 200 Megohms within 5 minutes after removal from humidity.

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	BRASS PER ASTM-B-16, HALF HARD, OR CZ121 PER BS2874	WHITE BRONZE PLATE
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BRASS PER ASTM-B-16 HALF HARD	GOLD PLATE
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
FERRULE	COPPER OR BRASS ALLOY ROCKWELL F65 MAXIMUM	WHITE BRONZE PLATE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. MCMASTER 28APR05	 Tyco Electronics Corporation Harrisburg, PA 17105-3608											
DIMENSIONS: mm [INCHES]		CHK J. HAVENER 28APR05												
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD J. HAVENER 28APR05												
<table border="1"> <tr><td>0 PLC</td><td>± -</td></tr> <tr><td>1 PLC</td><td>± -</td></tr> <tr><td>2 PLC</td><td>± 0.13 [.005]</td></tr> <tr><td>3 PLC</td><td>± -</td></tr> <tr><td>4 PLC</td><td>± -</td></tr> <tr><td>ANGLES</td><td>± 1°</td></tr> </table>		0 PLC		± -	1 PLC	± -	2 PLC	± 0.13 [.005]	3 PLC	± -	4 PLC	± -	ANGLES	± 1°
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MATERIAL -	FINISH -	APPLICATION SPEC -	<table border="1"> <tr> <td>SIZE</td> <td>CAGE CODE</td> <td>DRAWING NO</td> <td>RESTRICTED TO</td> </tr> <tr> <td>A2</td> <td>00779</td> <td>C=6082034</td> <td>-</td> </tr> </table>	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	A2	00779	C=6082034	-			
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CUSTOMER DRAWING			<table border="1"> <tr> <td>SCALE</td> <td>SHEET</td> <td>REV</td> </tr> <tr> <td>8:1</td> <td>1 of 1</td> <td>A</td> </tr> </table>	SCALE	SHEET	REV	8:1	1 of 1	A					
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6082034-1  
 PART NUMBER