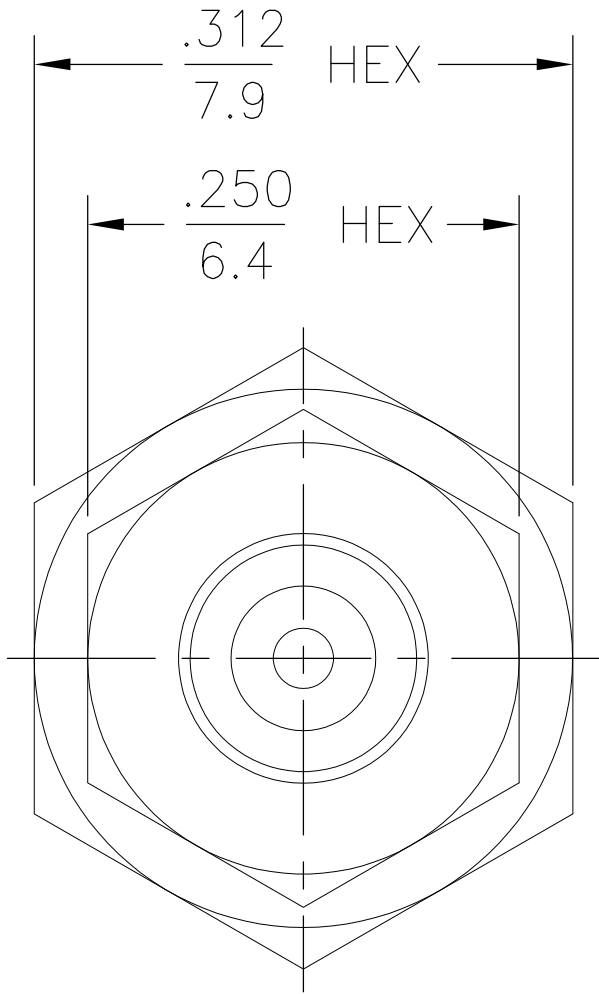
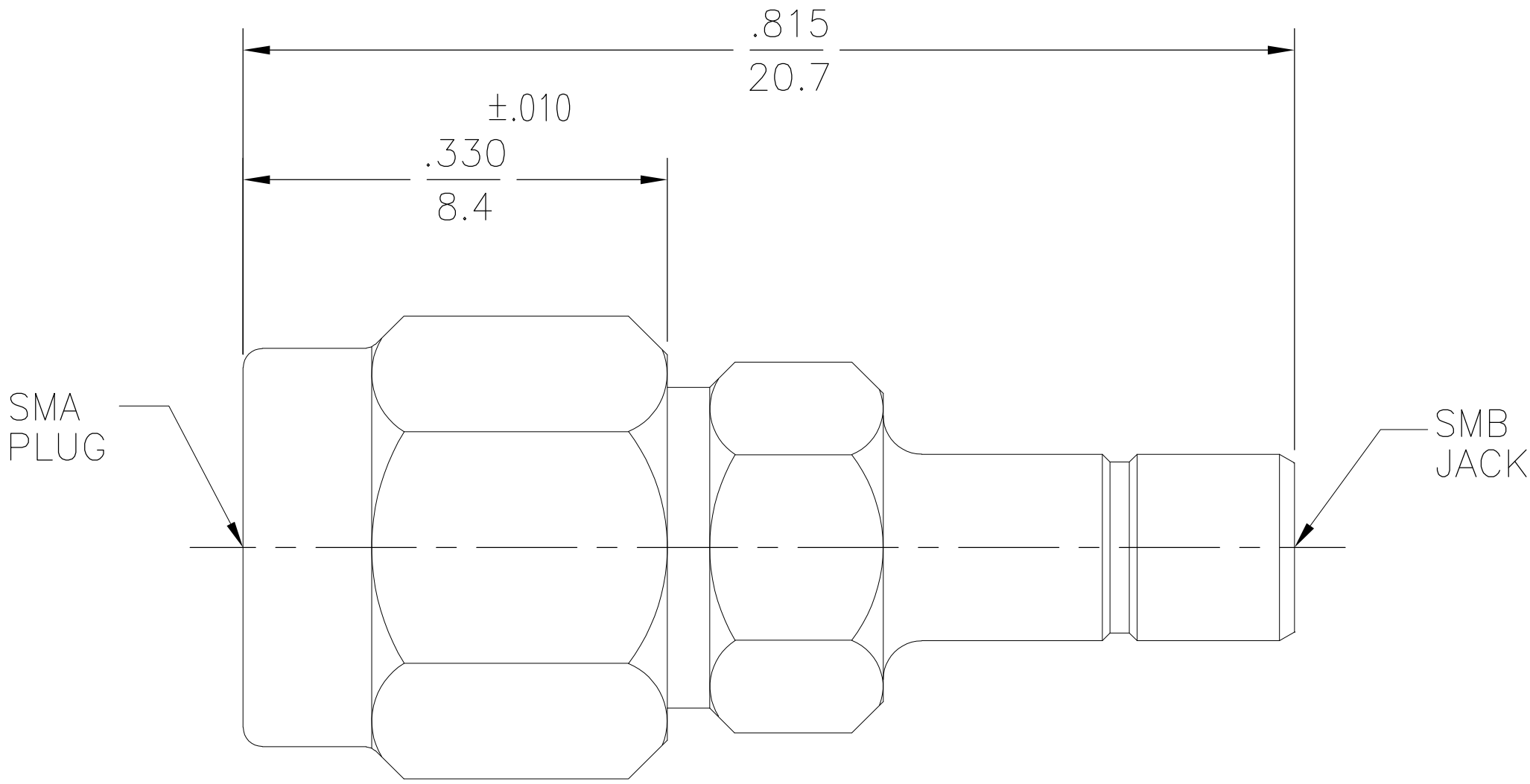
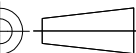


LOC	DIST	REVISIONS					
AJ	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			C	REV PER ECO 08-026436	2DEC2008	DW	JL



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions	TEMPERATURE RATING <u>-65°C TO +125°C</u>
Frequency Range (GHz) DC to <u>4.0</u>	<u>SMB MIL-STD-348A 311-1</u>	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX) @ Sea Level <u>.335</u>	<u>OSM MIL-STD-348A 310-1</u>	204, Condition B
VSWR <u>1.25+.04f</u> (GHz)	Recommended Mating Torque	Shock MIL-STD-202, Method 213, Condition B
Insertion Loss (dB MAX) <u>.03 @ 1.5GHz</u>	<u>7-10 In-Lbs</u>	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP +85°C
RF Leakage (dB MIN) <u>-55 @ 2 to 3 GHz</u>	Mating Characteristics:	Moisture Resistance MIL-STD-202, Method 106 Shall Be Omitted
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Insertion <u>SMB 2.5 OSM 3.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>	Withdrawal <u>1.0 2.0</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>6.0</u>	Force to Engage/Disengage (Lbs) <u>SMB 14.0 OSM 2.0</u>	
Outer Contact <u>1.0</u>	Contact Retention	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>700</u>	Axial (Lbs) <u>6.0</u>	
I.R.(Megohms MIN) <u>1,000</u>	Radial (In-Oz) <u>4.0</u>	
	Weight (Grams) <u>TBD</u>	

.XXX = in
XX.X = mm (REF)

			1060500-1						
			PART NUMBER						
HOUSING COUPLING NUT		STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303		PASSIVATE PER QQ-P-35					
DIELECTRIC		PTFE FLUOROCARBON PER ASTM-D-1457		N/A					
CENTER CONTACT		BRASS PER ASTM-B-16		GOLD PLATE PER MIL-G-45204					
RETAINING RING		BERYLLIUM COPPER PER ASTM-B-194, ALLOY C17200, CONDITION H		N/A					
GASKET		SILICONE RUBBER PER ZZ-R-765		N/A					
COMPONENT		MATERIAL		FINISH					
THIS DRAWING IS A CONTROLLED DOCUMENT.									
CTIONS: HES 		DWN RBG 8/3/77		 Tyco Electronics Corporation Harrisburg, PA 17105-3608					
		CHK KWW 8/3/77							
		APVD RMF 8/3/77		NAME SMA PLUG TO SMB JACK ADAPTER —					
		PRODUCT SPEC —							
		APPLICATION SPEC —							
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .005 4 PLC ± — ANGLES ± 1°		SIZE A2		CAGE CODE 00779	DRAWING NO C-1060500-1	RESTRICTED TO —			
FINISH —		WEIGHT —		CUSTOMER DRAWING			SCALE 8:1	SHEET 1 of 1	REV C