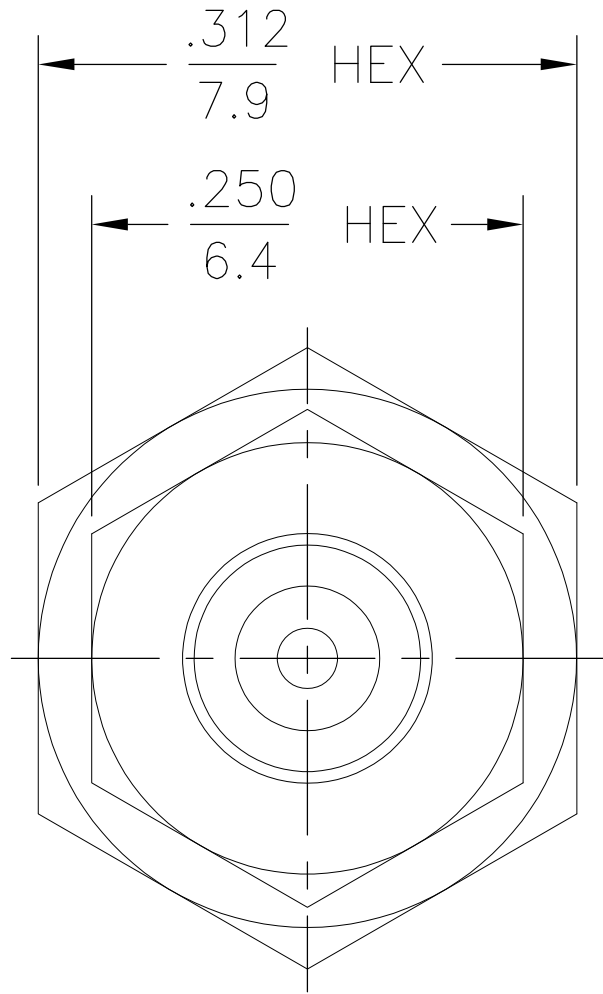
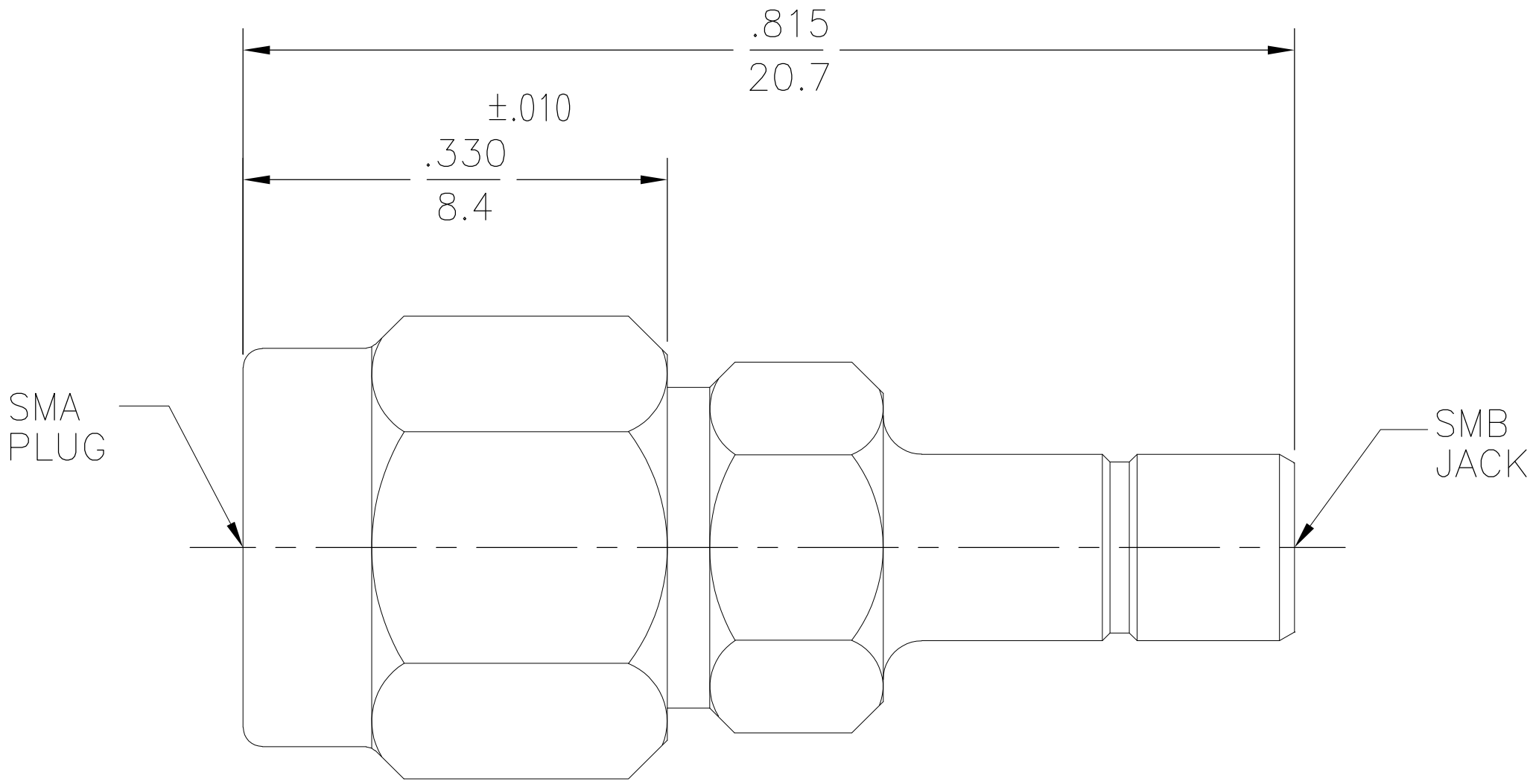




ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions	TEMPERATURE RATING <u>-65°C TO +125°C</u>
Frequency Range (GHz) DC to <u>4.0</u>	<u>SMB MIL-STD-348A 311-1</u>	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	<u>OSM MIL-STD-348A 310-1</u>	204, Condition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

DIMENSIONS: INCHES

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .005

4 PLC ± -

ANGLES ± 1°

MATERIAL -

FINISH -

DWN RBG 8/3/77

CHK KWW 8/3/77

APVD RMF 8/3/77

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

Tyco Electronics

Tyco Electronics Corporation Harrisburg, PA 17105-3608

NAME

SMA PLUG TO SMB JACK ADAPTER

SIZE A2

CAGE CODE 00779

DRAWING NO C=1060500-1

RESTRICTED TO -

SCALE 8:1

SHEET 1 of 1

REV C

Mouser Electronics

Authorized Distributor

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