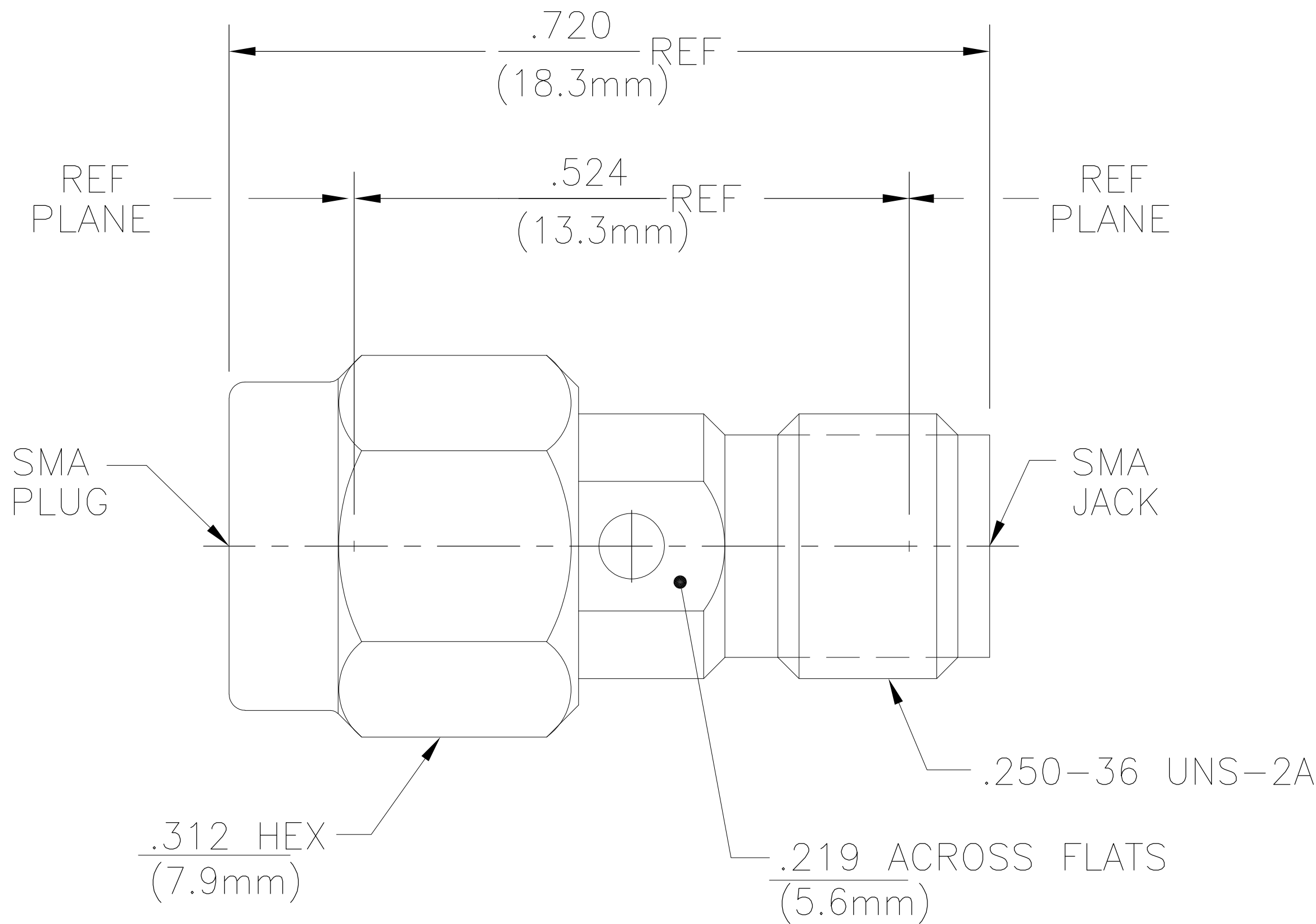


THIS DRAWING IS A CONTROLLED DOCUMENT. FORM NO 1054425-1

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ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348A Fig. 310.1 & 310.2	TEMPERATURE RATING <u>-65°C TO 125°C</u>
Frequency Range (GHz) DC to 18 <u> </u>	Recommended Mating Torque <u>7-10 in-Lb</u>	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.05 + .005f(GHz)</u>	Insertion (MAX Lbs) <u>3</u>	Thermal Shock MIL-STD-202, Method 107, Condition B, EXCEPT HIGH TEMP SHALL BE +155°C
Insertion Loss (dB MAX) <u>.03 √f(GHz)</u>	Withdrawal (MIN Oz) <u>1</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) <u>[-60-f(GHz)]</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Center Contact Captivation Axial (Lbs) <u>6</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1500</u>	Coupling Proof Torque (In-Lbs MIN) <u>15</u>	
Contact Resistance (Milliohms MAX) Center Contact <u>4.0</u>	Coupling Mechanism Retention Force (Lbs MIN) <u>60</u>	
Outer Contact <u>2.0</u>	Weight (Grams) <u>TBD</u>	
Cable to Housing <u>N/A</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>		
I.R.(Megohms MIN) <u>5,000</u>		



1054425-1 PART NUMBER		
HOUSING COUPLING NUT	STAINLESS STEEL	GOLD PLATE PER OVER NICKEL PLATE
DIELECTRIC	PTFE	N/A
CENTER CONTACT	BERYLLIUM COPPER	GOLD PLATE .00005 IN MIN OVER NICKEL PLATE .00005 IN MIN OVER COPPER PLATE .00001 IN MIN
RETAINING RING	BERYLLIUM COPPER	N/A
GASKET	SILICONE RUBBER	N/A
COMPONENT	MATERIAL	FINISH

P	LTR	REVISION RECORD	DATE	DWN	APVD
B		REV PER ECO 08-027674	11/11/2008	DW	JO

DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -	1 PLC ± -
1 PLC ± -	2 PLC ± -
2 PLC ± -	3 PLC ± .005
3 PLC ± -	4 PLC ± -

DWN R.B.G	8/10/76	MATERIAL - -	HEAT TREAT - -	
CHK R.M.F	8/11/76	 Tyco Electronics Corporation Harrisburg, PA 17105-3608		
APVD RB	8/27/76			
NAME SMA JACK TO PLUG ADAPTER (2082-9133-00)				
SCALE 10:1	SIZE A1	DRAWING NO 1054425-1	SHEET 1 of 1	REV B