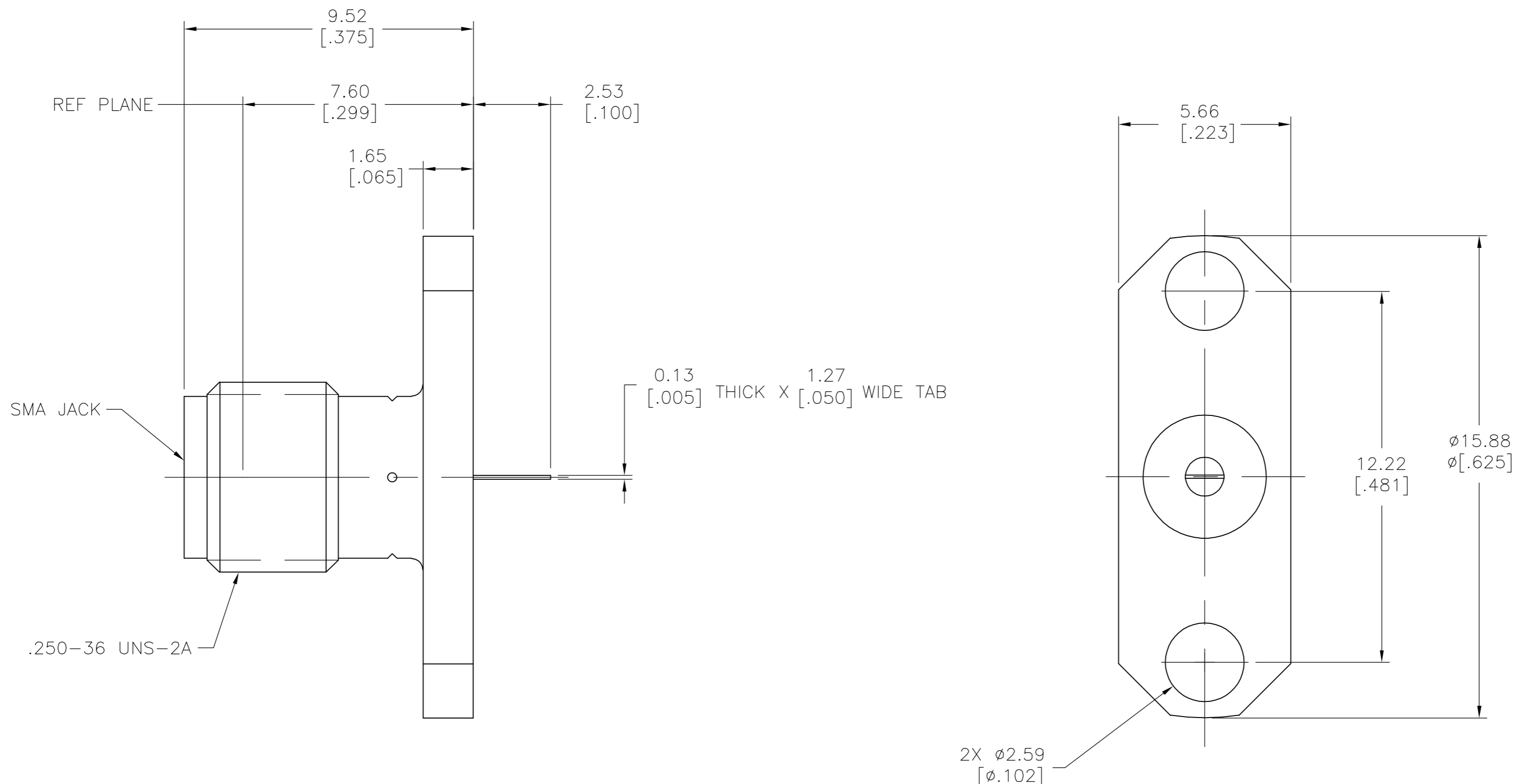


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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AJ	16	REVISED PER EC 0514-0150-05	10OCT2005	REH	KW



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.2	TEMPERATURE RATING -65°C TO +125°C
Frequency Range (GHz) DC to 6	Recommended Mating Torque 3-5 in-lbs (0.34-0.57 Nm)	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Mating Characteristics: Insertion (MAX Lbs) 3.0 (1.36 Kg)	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.40:1	Withdrawal (MIN Oz) 1.0 (28.35 g)	Thermal Shock MIL-STD-202, Method 107, Condition A
Insertion Loss (dB MAX) .07 √F(GHz)	Force to Engage and Disengage (in-Lbs MAX) 2.0 (0.23 Nm)	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.
RF Leakage (dB MIN) -90 @ 2 to 3 GHz	Center Contact Captivation Axial (Lbs) 6.0 (2.7 Kg) MIN FROM INTERFACE	
Corona, 70,000 Ft (VRMS MIN) 250	Radial (in-Oz) 4.0 (0.028 Nm)	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000		
Contact Resistance (Milliohms MAX) Center Contact 3.0 Outer Contact 2.0 Cable to Housing N/A		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms MIN) 5,000		

COMPONENT	MATERIAL	FINISH
HOUSING	BRASS, PER ASTM-B-16 HALF HARD OR C2121 PER BS2874	WHITE BRONZE PLATE
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 ALLOY C17300, CONDITION H	GOLD PLATE

THIS DRAWING IS A CONTROLLED DOCUMENT.	
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -	1 PLC ± -
2 PLC ± -	3 PLC ± 0.13 [.005]
4 PLC ± -	ANGLES ± -
MATERIAL -	FINISH -

DWN B. MCMASTER 28APR05	 Tyco Electronics Corporation Harrisburg, PA 17105-3608	SIZE A2	CAGE CODE 00779	DRAWING NO C=6086491	RESTRICTED TO -
CHK J. HAVENER 28APR05		SMA, 2 HOLE FLANGE MOUNT JACK RECEPTACLE, TAB TERMINAL (2252-1858-36)			
APVD J. HAVENER 28APR05		SCALE 8:1	SHEET 1 of 1	REV A	
PRODUCT SPEC -		CUSTOMER DRAWING			

6086491-1
PART NUMBER