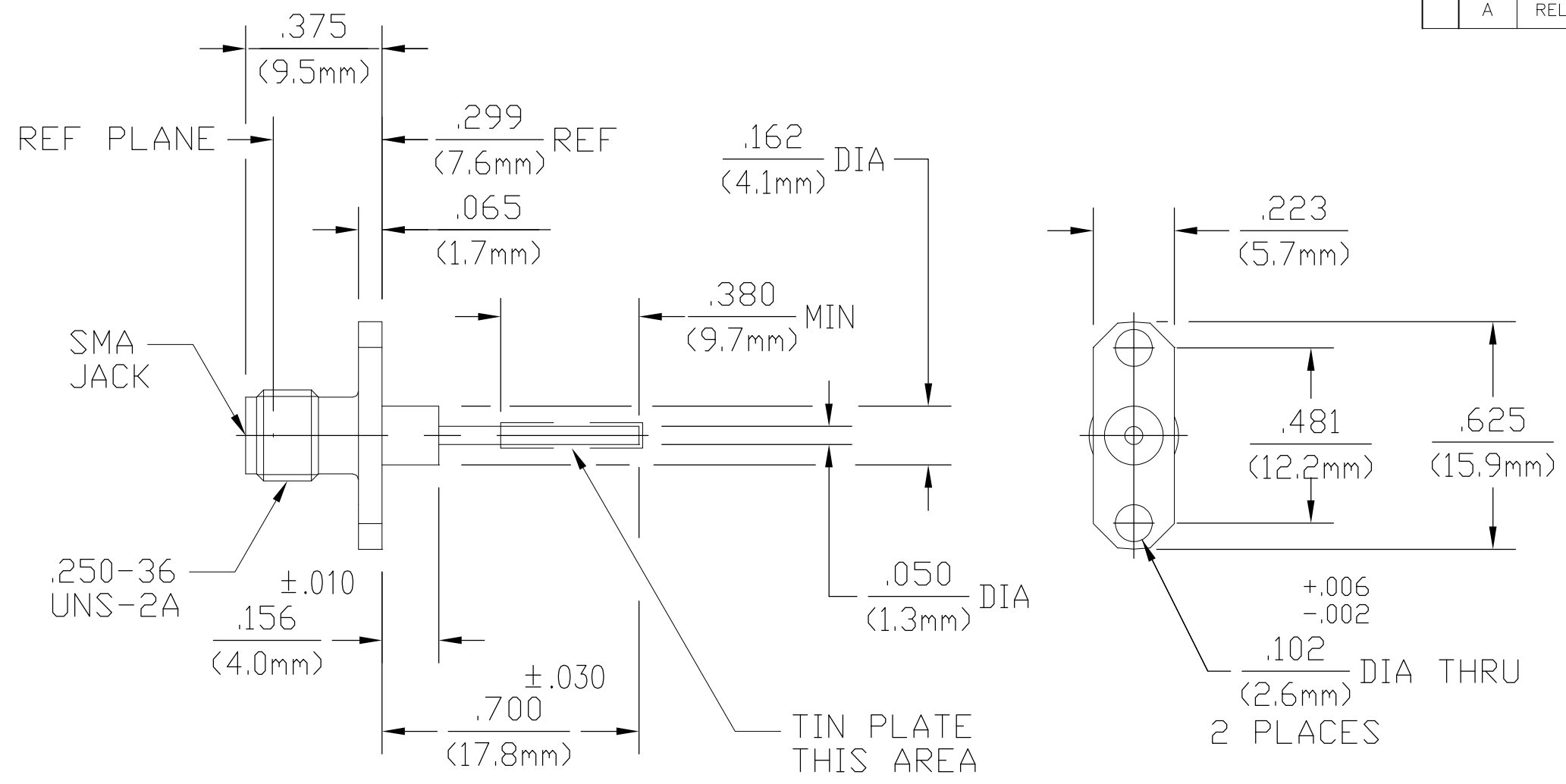


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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	REL PER ECO-13-005050	21MAR13	KG	DW



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348, Fig. 310.2	TEMPERATURE RATING -65°C TO +125°C
Frequency Range (Ghz) DC to 18	Recommended Mating Torque N/A	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.18:1 MAX	Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .127	Withdrawal (MIN Oz) 1.0	Moisture Resistance MIL-STD-202, Method 106, Except Vibration
RF Leakage (dB MIN) -[90 -f(Ghz)]	Force to Engage and Disengage (In/Lbs MAX) 2.0	Shall Be Omitted
Corona, 70,000 Ft (VRMS MIN) 375	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Axial (Lbs) 6.0	
Contact Resistance (Milliohms MAX)	Radial (In/Oz) 4.0	
Center Contact 2.0	Cable Retention	
Outer Contact 2.0	Axial Force (Lbs) N/A	
Cable to Housing N/A	Torque (In/Oz) N/A	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670	Weight (Grams) 1.8	
I.R.(Megohms MIN) 5,000		

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550. TIN PLATE AREA SHOWN PER MIL-T-10727

1484447-1
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M (ISO STANDARDS)

DWN K.GLATFELTER 21MAR2013	TE Connectivity SMA 2-HOLE FLANGE MOUNT JACK RECEPTACLE - STRAIGHT TERMINAL
CHK D.WILSON 21MAR2013	
APVD D.WILSON 21MAR2013	
PRODUCT SPEC	
APPLICATION SPEC	NAME
N/A	SIZE CAGE CODE DRAWING NO RESTRICTED TO
WEIGHT -	A300779 C-1484447
CUSTOMER DRAWING	SCALE NTS SHEET 1 OF 1 REV A