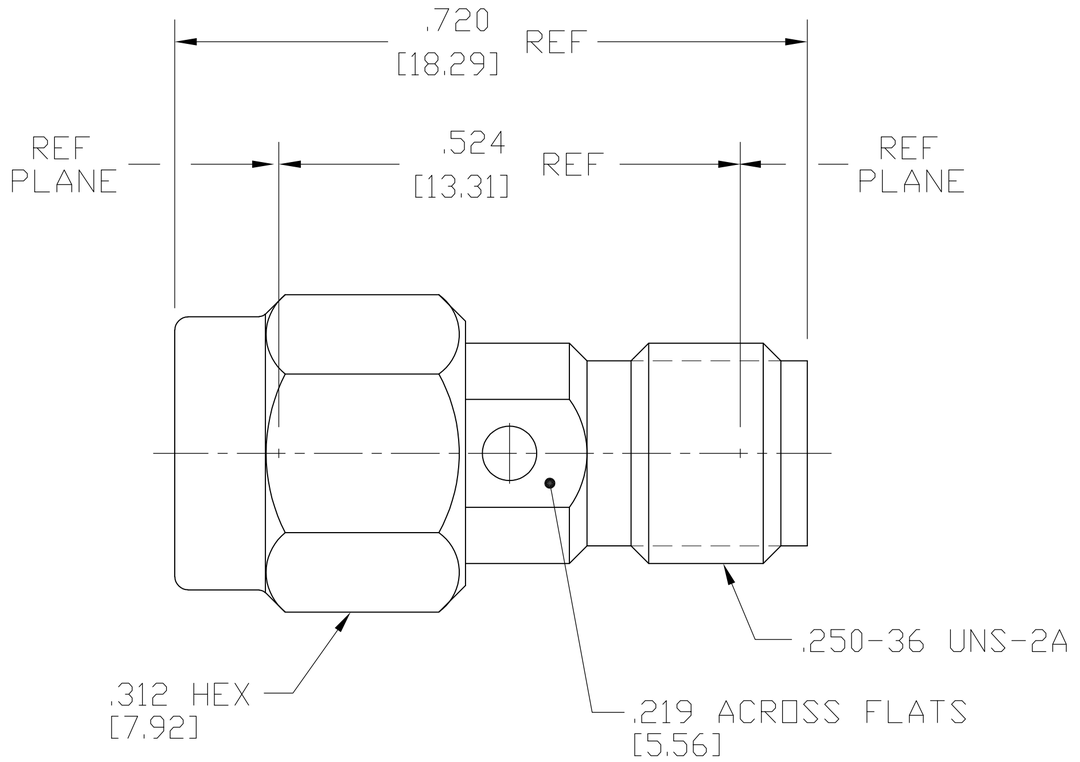
LOC	DIST
—	—

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED PER ECO 13-015808	10-9-13	CT	DW

COMPONENT	MATERIAL	FINISH
HOUSING COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A-380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER ASTM-B-488
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A	TEMPERATURE RATING −65°C TO 125°C
Frequency Range (GHz) DC to 18	Fig. 310.1 & 310.2	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	Recommended Mating	204, Condition D
@ Sea Level 335	Torque 7-10 in-Lb	Shock MIL-STD-202, Method 213,
VSWR 1.05 + .005f(GHz)	Mating Characteristics:	Condition I
Insertion Loss (dB MAX) .03 $\sqrt{f(GHz)}$	Insertion (MAX Lbs) 3	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN) [-90-f(2-3 GHz)]	Withdrawal (MIN Oz) 1	Method 107, Condition B,
Corona, 70,000 Ft (VRMS MIN) 250	Force to Engage and	EXCEPT HIGH TEMP SHALL BE +155°C
Dielectric Withstanding Voltage	Disengage (In-Lbs MAX) 2	Moisture Resistance MIL-STD-202,
(VRMS MIN) @ Sea Level 1500	Center Contact Captivation	Method 106
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6	Corrosion - MIL-STD-202, Method
Center Contact 4.0	Radial (In-Oz) 4	101, Condition B, 5% salt spray
Outer Contact 2.0	Coupling Proof Torque (In-Lbs MIN) 15	
Cable to Housing N/A	Coupling Mechanism Retention	
RF High Potential @ Sea Level	Force (Lbs MIN) 60	
(VRMS MIN @ 5 MHz) 670	Weight (Grams) TBD	
I.R.(Megohms MIN) 5,000		

1471-9 (3/11)

2:22pm

1484713-2

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES [mm]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .005 [0.13]
4 PLC ± -
ANGLES ± -

MATERIAL: SEE TABLE

FINISH: SEE TABLE

DWN C.C.THOMAS 10-9-13
CHK D.WILSON 10-9-13
APVD D.WILSON 10-9-13
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME: SMA PLUG TO SMA JACK ADAPTER — —

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1484713	—

CUSTOMER DRAWING | SCALE 8:1 | SHEET 1 OF 1 | REV A

1484713