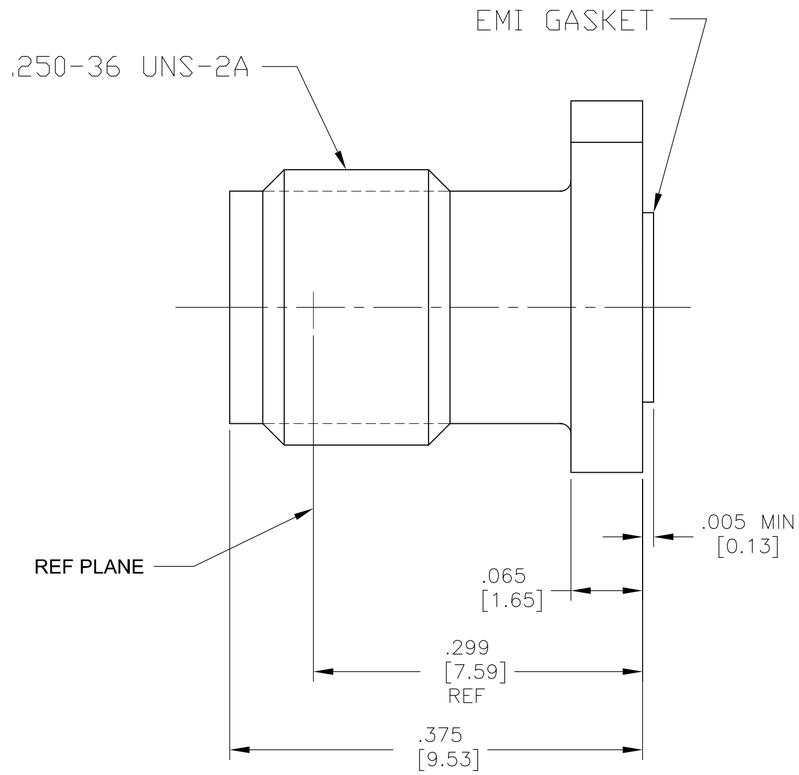
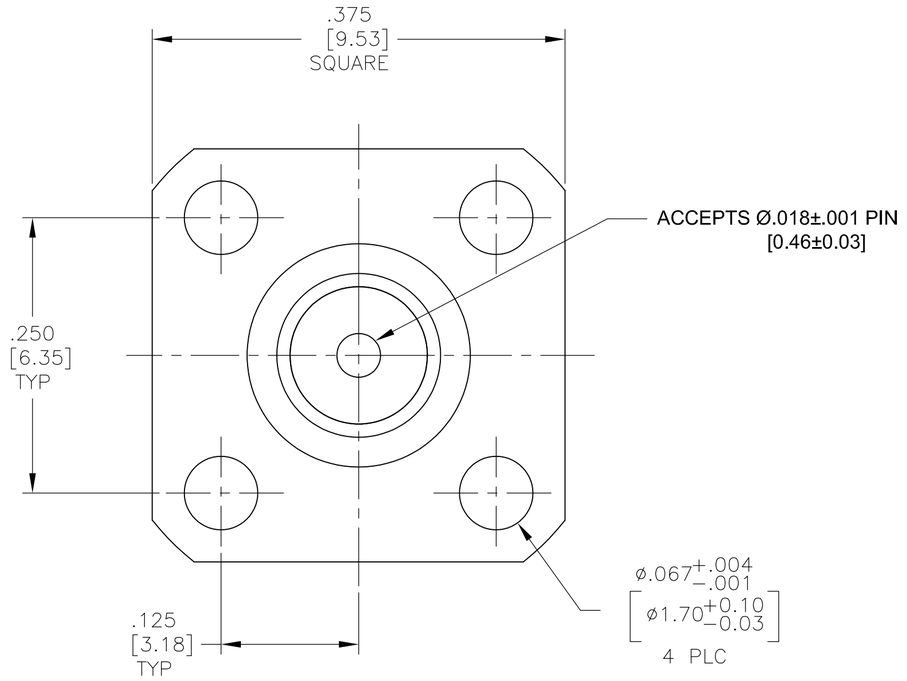
LOC	DIST
—	—

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED PER ECO 13–009600	6–10–13	CT	DW

1. CAPTURED CENTER CONTACT





ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A,	TEMPERATURE RATING –65 TO +165°C
Frequency Range (GHz) DC to 18	Fig. 310-2	Vibration MIL-STD-202, Method
Volt Rating (VRMS MAX)	Recommended Mating	204, Condition D
@ Sea Level 335	Torque 7-10 IN-LBS	Shock MIL-STD-202, Method 213,
VSWR 1.04 + .006 f(GHz)	Mating Characteristics:	Condition I
Insertion Loss (dB MAX) $.04\sqrt{f(GHz)}$	Insertion (MAX Lbs) 4.0	Thermal Shock MIL-STD-202,
RF Leakage (dB MIN) 90dB	Withdrawal (MIN Oz) 1.0	Method 107, Condition B,
Corona, 70,000 Ft (VRMS MIN) 333	Force to Engage and	EXCEPT HIGH TEMP +85°C
Dielectric Withstanding Voltage	Disengage (In-Lbs MAX) 2.0	Moisture Resistance MIL-STD-202,
(VRMS MIN) @ Sea Level 1,000	Center Contact Captivation	Method 106
Contact Resistance (Milliohms MAX)	Axial (Lbs) 6.0	Corrosion - MIL-STD-202, Method
Center Contact 3.0	Radial (In-Oz) N/A	101, Condition B, 5% salt spray
Outer Contact 2.0	Cable Retention	
Cable to Housing N/A	Axial Force (Lbs) N/A	
RF High Potential @ Sea Level	Torque (In-Oz) N/A	
(VRMS MIN @ 5 MHz) 670	Weight (Grams) TBD	
I.R.(Megohms MIN) 10,000		

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM A380
DIELECTRIC	TFE FLUOROCARBON PER MIL-P-19468 AND FED SPEC L-P-403	N/A
CENTER CONTACT	BERYLLIUM COPPER PER QQ-C-530,ALLOY 173	GOLD PLATE PER ASTM-B-488 OVER COPPER PLATE PER MIL-C-14550
GASKET	CONDUCTIVE SILVER/ SILICONE ELASTOMERS	N/A

2221752-1

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	6–10–13
CHK	D.WILSON	6–10–13
APVD	D.WILSON	6–10–13
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

TE Connectivity

NAME: SMA 4 HOLE FLANGE MOUNT JACK RECEPTACLE
–
–

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-2221752	—

CUSTOMER DRAWING | SCALE 10:1 | SHEET 1 OF 1 | REV A

2221752

1471-9 (3/11)