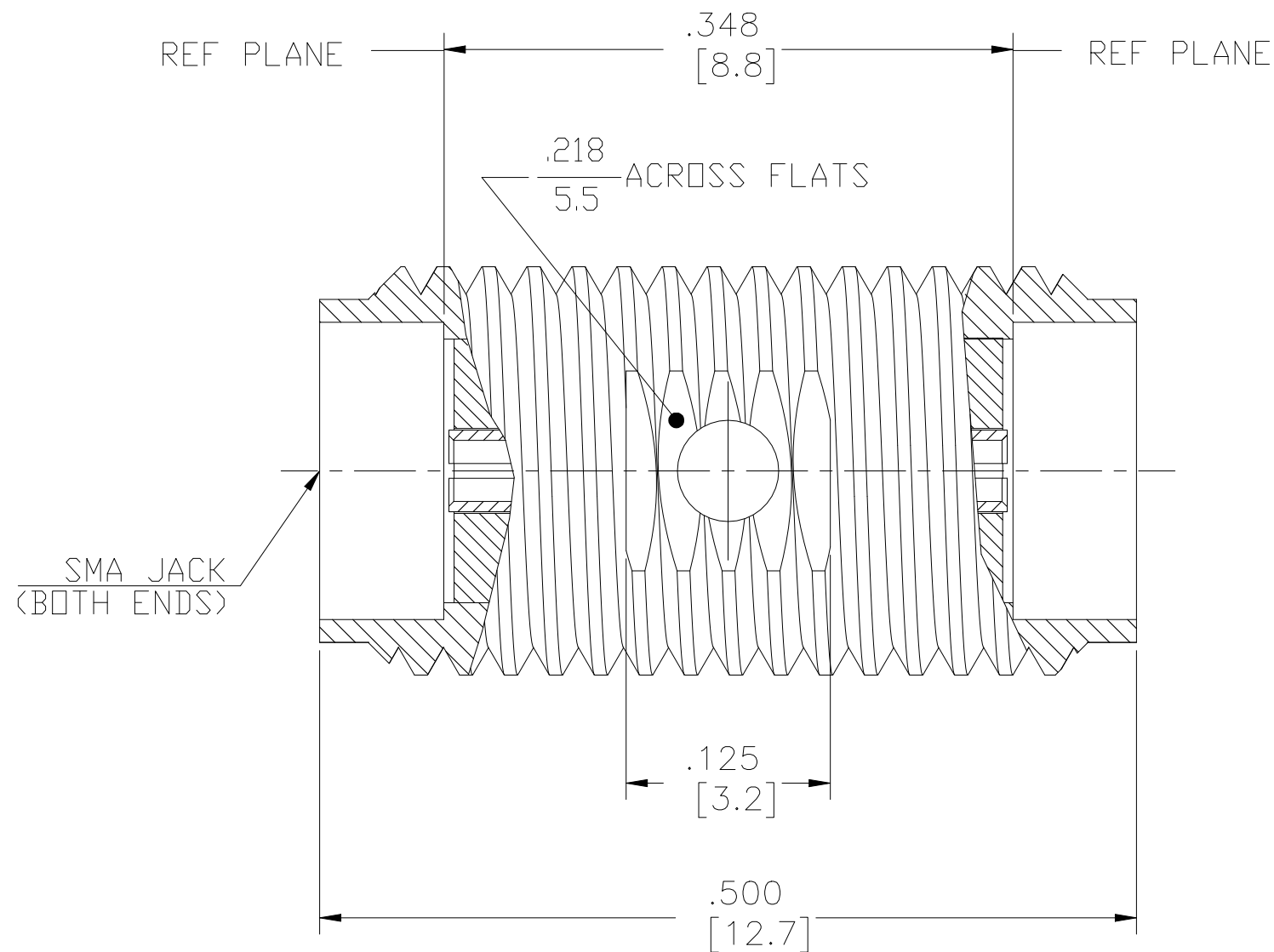


REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	REVISED PER ECR-21-106073	29JUN2021	RS	WK



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348A, Fig. 310.2	Temperature Rating -65°C To 165°C
Frequency Range (GHz) DC to 27	Recommended Mating Torque 7 - 10 in-lbs	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 1.05 + .005 f(GHz) @ DC - 18GHz	Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-202, Method 107, Condition C,
1.05 + .0115 f(GHz) @ 18GHz-27GHz	Withdrawal (MIN Oz) 1.0	Moisture Resistance MIL-STD-202, Method 106, Except Vibration Shall Be Omitted
Insertion Loss (dB MAX) .06 √f(GHz)	Force to Engage and Disengage (In/Lbs MAX) 2.0	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
RF Leakage (dB MIN) -[60-f(GHz)]	Center Contact Captivation:	
Corona, 70,000 Ft (VRMS MIN) 250	Axial (Lbs) 6.0	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1500	Radial (In/Oz) N/A	
Contact Resistance (Milliohms MAX):	Cable Retention:	
Center Contact 4.0	Axial Force (Lbs) N/A	
Outer Contact 2.0	Torque (In/Oz) N/A	
Cable to Housing N/A	Weight (Grams) 2.0	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms MIN) 5.0		

.XXX = in
XX.X = mm

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
INCHES	
0 PLC	± -
1 PLC	± -
2 PLC	± -
3 PLC	± .005
4 PLC	± -
ANGLES	± 1°
MATERIAL	FINISH
-	± 1/64

QUANTITY PER ASSY	PARTS LIST			
1	Au	STAINLESS STEEL	HOUSING	3
1	-	PTFE	INSULATION	2
1	Au	BeCu	CENTER CONTACT	1
-1	PLATING	MATERIAL	DESCRIPTION	ITEM

STE TE Connectivity

SMA HIGH FREQ 27 GHZ JACK TO JACK ADAPTER

DWN A. A. 3-1-79	NAME	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
CHK R. M. F. 3-6-79		A3	00779	C-1056333	-
APVD G. H. 3-9-79					
PRODUCT SPEC					
APPLICATION SPEC					
WEIGHT -					

CUSTOMER DRAWING SCALE 1:1 SHEET 1 OF 1 REV A1