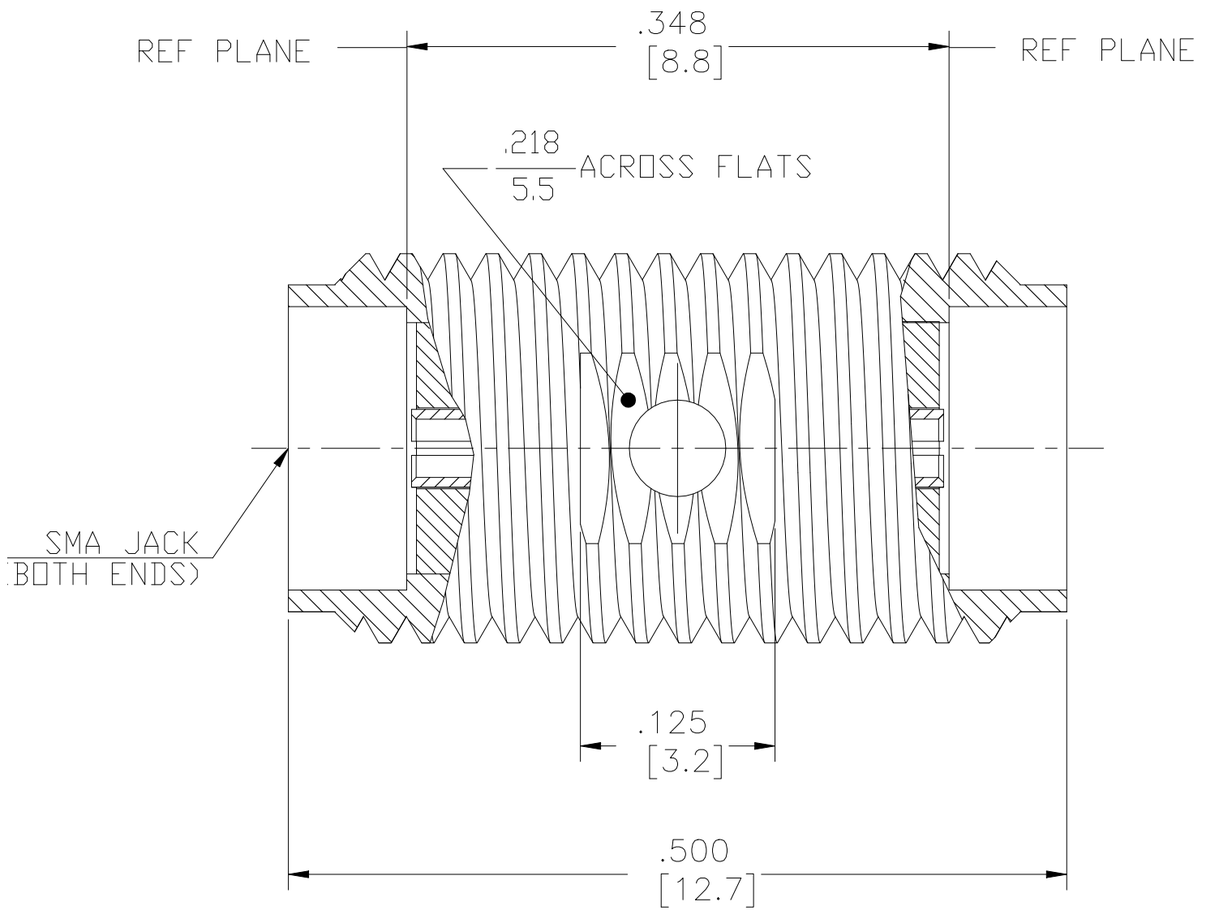
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	REVISED PER ECR-21-106073	29JUN2021	RS	WK



ELECTRICAL	
Nominal Impedance (Ohms)	50
Frequency Range (GHz)	DC to 27
Volt Rating (VRMS MAX)@Sea Level	335
VSWR	1.05 + .005 f(GHz) @ DC-18GHz
	1.05 + .0115 f(GHz) @ 18GHz-27GHz
Insertion Loss (dB MAX)	.06 $\sqrt{f(GHz)}$
RF Leakage (dB MIN)	-[60-f(GHz)]
Corona, 70,000 Ft (VRMS MIN)	250
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level	1500
Contact Resistance (Milliohms MAX)	
Center Contact	4.0
Outer Contact	2.0
Cable to Housing	N/A
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz)	670
I.R.(Megohms MIN)	5,0

MECHANICAL	
Interface Dimensions	MIL-STD-348A, Fig. 310.2
Recommended Mating Torque	7 - 10 in-lbs
Mating Characteristics:	
Insertion (MAX Lbs)	3.0
Withdrawal (MIN Oz)	1.0
Force to Engage and Disengage (In/Lbs MAX)	2.0
Center Contact Captivation	
Axial (Lbs)	6.0
Radial (In/Oz)	N/A
Cable Retention	
Axial Force (Lbs)	N/A
Torque (In/Oz)	N/A
Weight (Grams)	2.0

ENVIRONMENTAL	
Temperature Rating	-65°C To 165°C
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Thermal Shock	MIL-STD-202, Method 107, Condition C,
Moisture Resistance	MIL-STD-202, Method 106, Except Vibration Shall Be Omitted
Corrosion	MIL-STD-202, Method 101, Condition B, 5% salt spray

.XXX = in
XX.X = mm

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± -
2 PLC	± -
3 PLC	± .005
4 PLC	± -
ANGLES	± 1°

MATERIAL: -

FINISH: ± 1/64

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

DWN	R. R. 7-6-79
CHK	R. R. S. 7-12-79
APVD	R. M. F. 7-13-79
PRODUCT SPEC	-
APPLICATION SPEC	-
WEIGHT	-

TE Connectivity

NAME: SMA HIGH FREQ 27 GHZ JACK TO JACK ADAPTER -

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1056334	-

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

1470-19 (1/15)