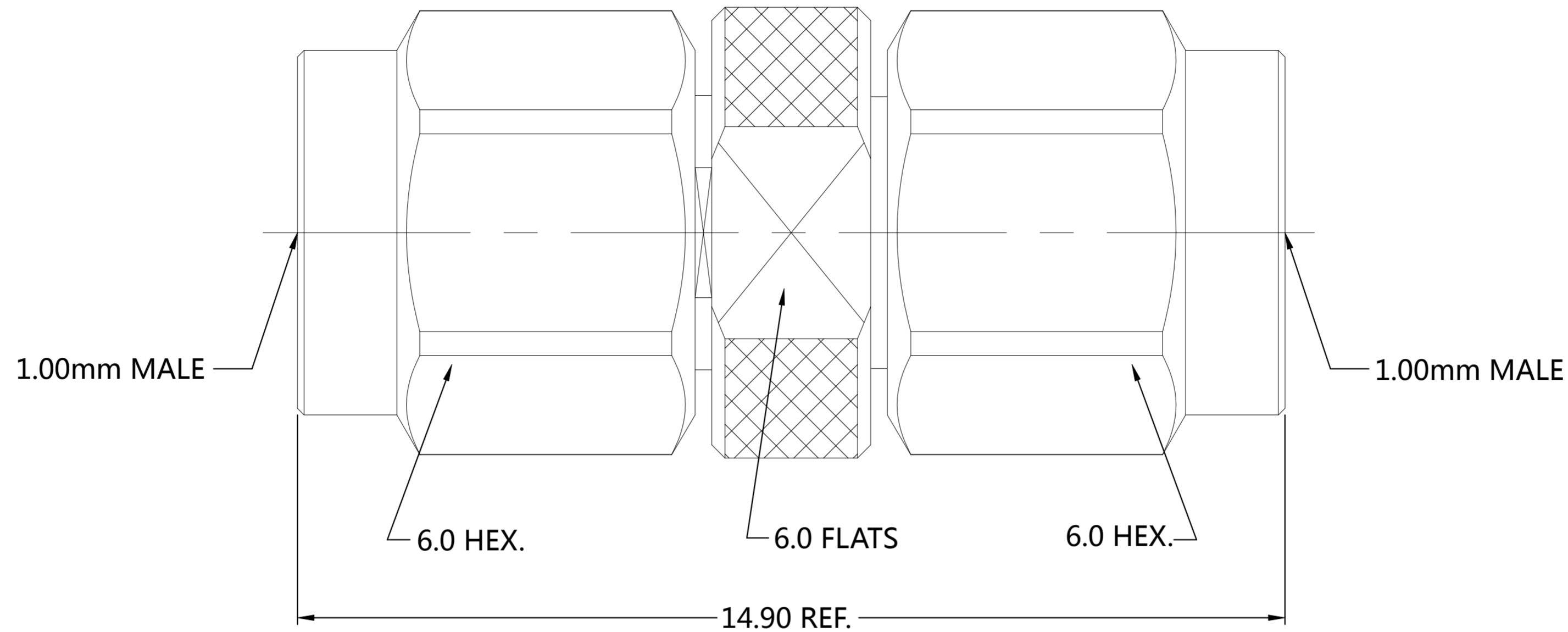


REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
A		ECN-21-107697	30JUN2021	PZ WKH



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Impedance (Ohm): <u>50</u> Frequency Range: <u>DC to 110GHz</u> Voltage Rating (Peak) @ Sea Level <u>170 V RMS</u> Insulation Resistance (MIN.) <u>5000 M ohms</u> Contact Resistance (mohms MAX) Center Contact <u>4.0</u> Outer Contact <u>1.0</u> Dielectric Withstand Voltage: <u>500 V RMS Max</u> Insertion Loss : <math><0.05 \times \sqrt{f}</math> (GHz) dB VSWR: <u><1.35 @ DC ~ 110GHz</u>	Interface Dimension <u>1.0mm male</u> Force to Engage and Disengage Engage: <u>N/A</u> Disengage: <u>N/A</u> Center Contact Captivation Axial (N) <u>13.0 MIN</u> Radial (In/Oz) <u>N/A</u> Cable Retention Axial (Lbs) <u>N/A</u> Mating cycles <u>500 cycles</u>	TEMPERATURE RANGE <u>-40 °C~+125 °C</u> ROHS <u>COMPLIANT</u>

1	SHELL	STAINLESS STEEL 316F	PASSIVATION
1	CONTACT PIN	BERYLLIUM COPPER	PL.GOLD30u"/NICKEL
1	INSULATOR	PEI	N/A
1	BODY	STAINLESS STEEL 316F	PASSIVATION
2081773-1	PART NUMBER	MATERIAL	PLATING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	PENG ZHAI	28JAN2021		TE Connectivity		
		CHK	ROGER SONG	28JAN2021		NAME		
		APVD	WENKE HE	28JAN2021		1.0mm Male to 1.0mm Male Adapter		
		PRODUCT SPEC				-		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC		-		
		0 PLC	±	-	SIZE		CAGE CODE	
		1 PLC	±	0.3	WEIGHT		0	
		2 PLC	±	0.2	SCALE		1:1	
		3 PLC	±	0.1	SHEET		1 of 1	
		4 PLC	±	-	DRAWING NO		C=2081773	
		ANGLES	±	5°	RESTRICTED TO		-	
MATERIAL		FINISH		CUSTOMER DRAWING		REV A		