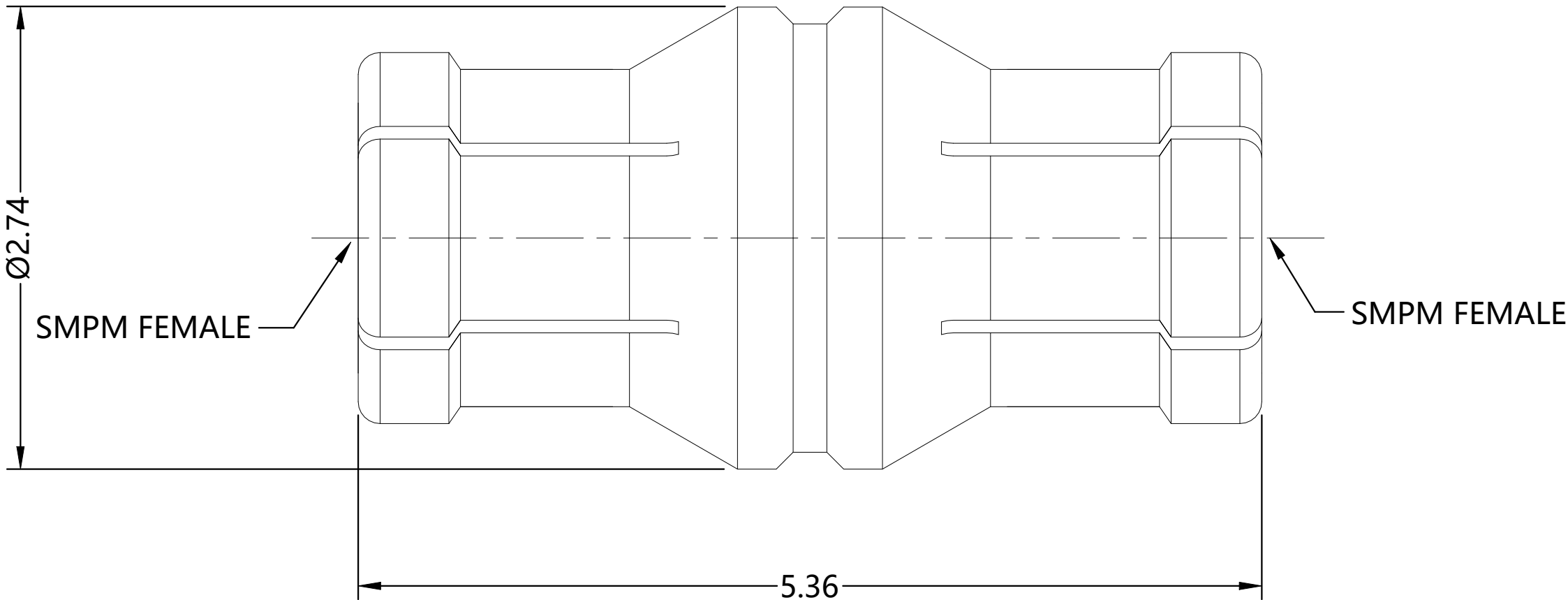
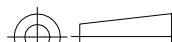


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	ECN-24-257901;VSWR UPDATE	26MAR2024	TP	WH



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Impedance (Ohm): <u>50</u> Frequency Range: <u>DC to 65GHz</u> Voltage Rating (Peak) @ Sea Level <u>335 V RMS</u> Insulation Resistance (MIN.) <u>1000 M ohms</u> Contact Resistance (mohms MAX) Center Contact <u>6.0</u> Outer Contact <u>2.0</u> Dielectric Withstand Voltage: <u>500 V RMS Max</u> Insertion Loss : <0.1 F(GHz) dB VSWR <1.30 @40 GHz, VSWR <1.50 @50GHz	Interface Dimension <u>SMPM female</u> Force to Engage and Disengage Engage: <u><4.5 lbs(FULL DETENT)</u> <u><2.5 lbs(SMOOTH BORE)</u> Disengage: <u><6.5 lbs(FULL DETENT)</u> <u><1.5 lbs(SMOOTH BORE)</u> Center Cantact Captivation Axial (lbs) <u>1.5 MIN</u> Radial (In/Oz) <u>N/A</u> Mating cycles: <u>100 cycles(FULL DETENT)</u> <u>500 cycles(SMOOTH BORE)</u>	TEMPERATURE RANGE <u>-55 °C~+125 °C</u> ROHS <u>COMPLIANT</u>

1	CONTACT PIN	BERYLLIUM COPPER	PL. GOLD/COPPER
1	INSULATOR	PLASTIC	N/A
1	BODY	BERYLLIUM COPPER	PL. GOLD/NICKEL/COPPER
2441484-1	PART NUMBER	MATERIAL	PLATING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ED 19JUN2023		TE Connectivity			
		CHK ED 19JUN2023					
DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APVD WH 19JUN2023		NAME	
		0 PLC ± -		PRODUCT SPEC		SMPM FEMALE TO SMPM FEMALE ADAPTOR,500HM -	
		1 PLC ± 0.3		-			
		2 PLC ± 0.2		APPLICATION SPEC			
		3 PLC ± 0.1		-			
4 PLC ± -		4 PLS ± 5°		-		SIZE	
MATERIAL		FINISH		WEIGHT -		CAGE CODE	
-		-		CUSTOMER DRAWING		DRAWING NO	
						RESTRICTED TO	
				A2 00779		-	
				C=2441484		SCALE	
						1:1	
						SHEET	
						1 of 1	
						REV	
						A1	