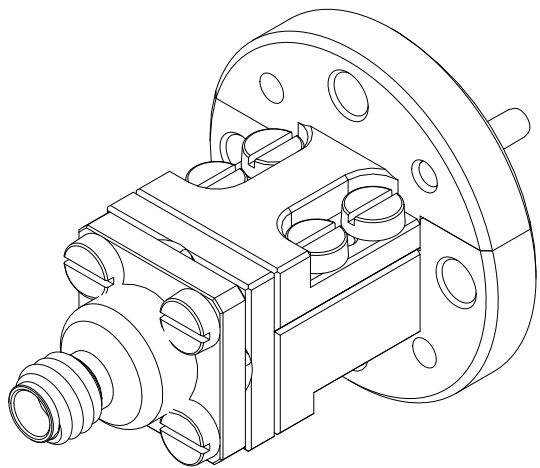
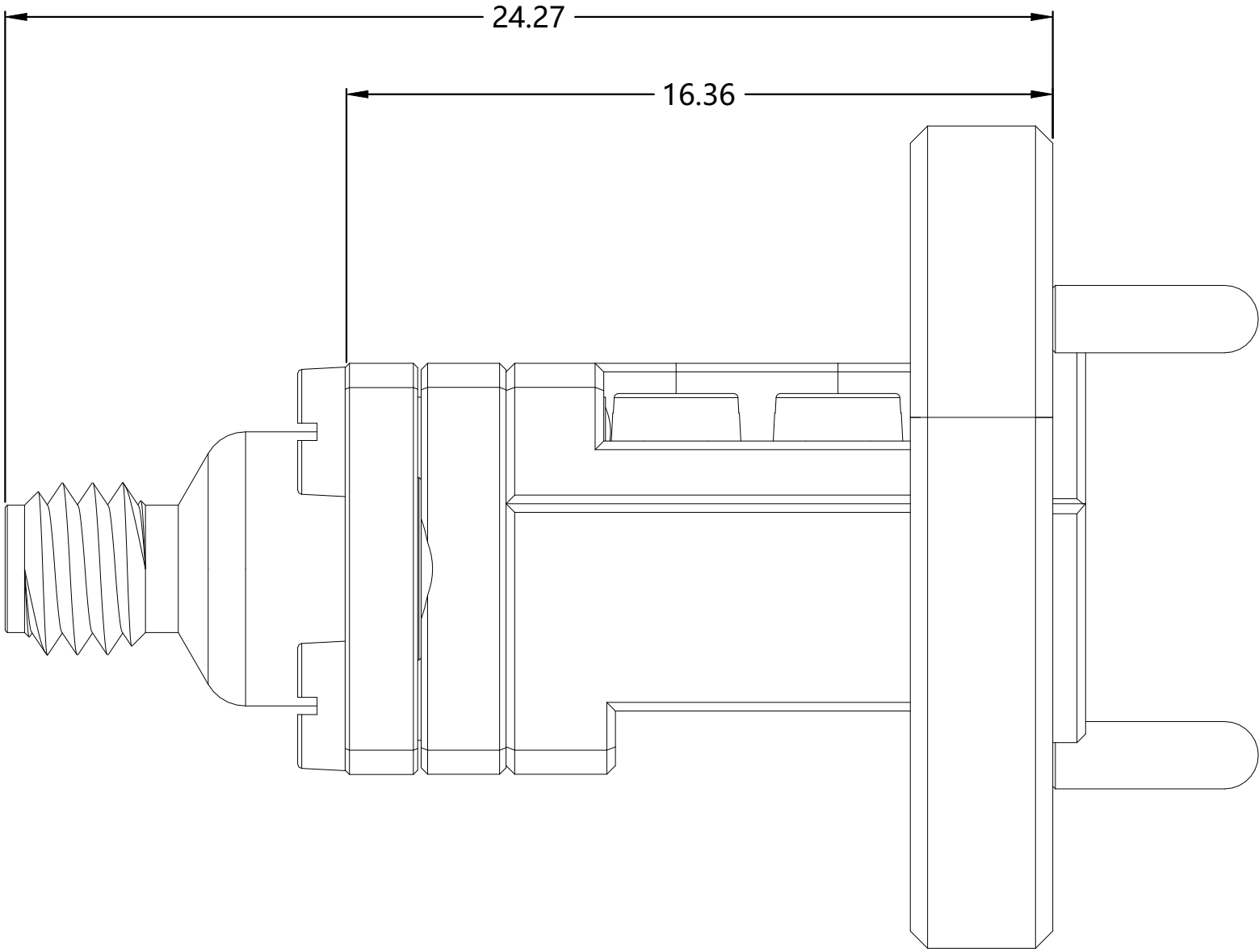


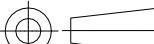
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECN-23-236030;GTP	23OCT2023	TP	WH



Tolerances according to ISO 2768 m-H

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Impedance (Ohm): <u>50</u> Frequency Range: <u>60 to 90GHz</u> Voltage Rating (Peak) <u>N/A</u> Insulation Resistance (MIN.) <u>N/A</u> Contact Resistance (mohms MAX) Center Contact <u>N/A</u> Outer Contact <u>N/A</u> Dielectric Withstand Voltage: <u>N/A</u> Insertion Loss : <0.7 dB Return Loss: >16dB	Interface Dimension 1.0mm female <u>WAVEGUIDE(WR12)</u> Force to Engage and Disengage Engage: <u>N/A</u> Disengage: <u>N/A</u> Center Contact Captivation Axial (lbs) <u>N/A</u> Radial (In/Oz) <u>N/A</u> Recommend Torque(1.0mm) 0.35 NM (0.7NM MAX) Recommend Torque(WR) 1.10 NM GAUGE OF 1.0mm CONNECTOR 0.00 ~ 0.05 mm Cable Retention Axial (Lbs) <u>N/A</u> Mating cycles <u>500</u> cycles(1.0mm)	TEMPERATURE RANGE <u>-40 °C~+85 °C</u> ROHS <u>COMPLIANT</u>

2441516-1	WAVEGUIDE	BRASS	PL.GOLD/NICKEL/COPPER
	CENTER CONDUCTOR	BERYLLIUM COPPER	PL.GOLD/NICKEL/COPPER
	OUTER CONDUCTOR OF 1.0mm CONNECTOR	STAINLESS STEEL	PASSIVATION
PART NUMBER	DESCRIPTION	MATERIAL	PLATING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ED 19JUN2023		 TE Connectivity											
		CHK ED 19JUN2023													
DIMENSIONS: mm		APVD WH 19JUN2023		NAME WR12-1.0K WAVEGUIDE COAXIAL CONVERTER —											
		PRODUCT SPEC —													
		APPLICATION SPEC —													
		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO							
		MATERIAL —		FINISH —		WEIGHT —		A2		00779		C=2441516		—	
		CUSTOMER DRAWING		SCALE		1:1		SHEET		1 of 1		REV		A	