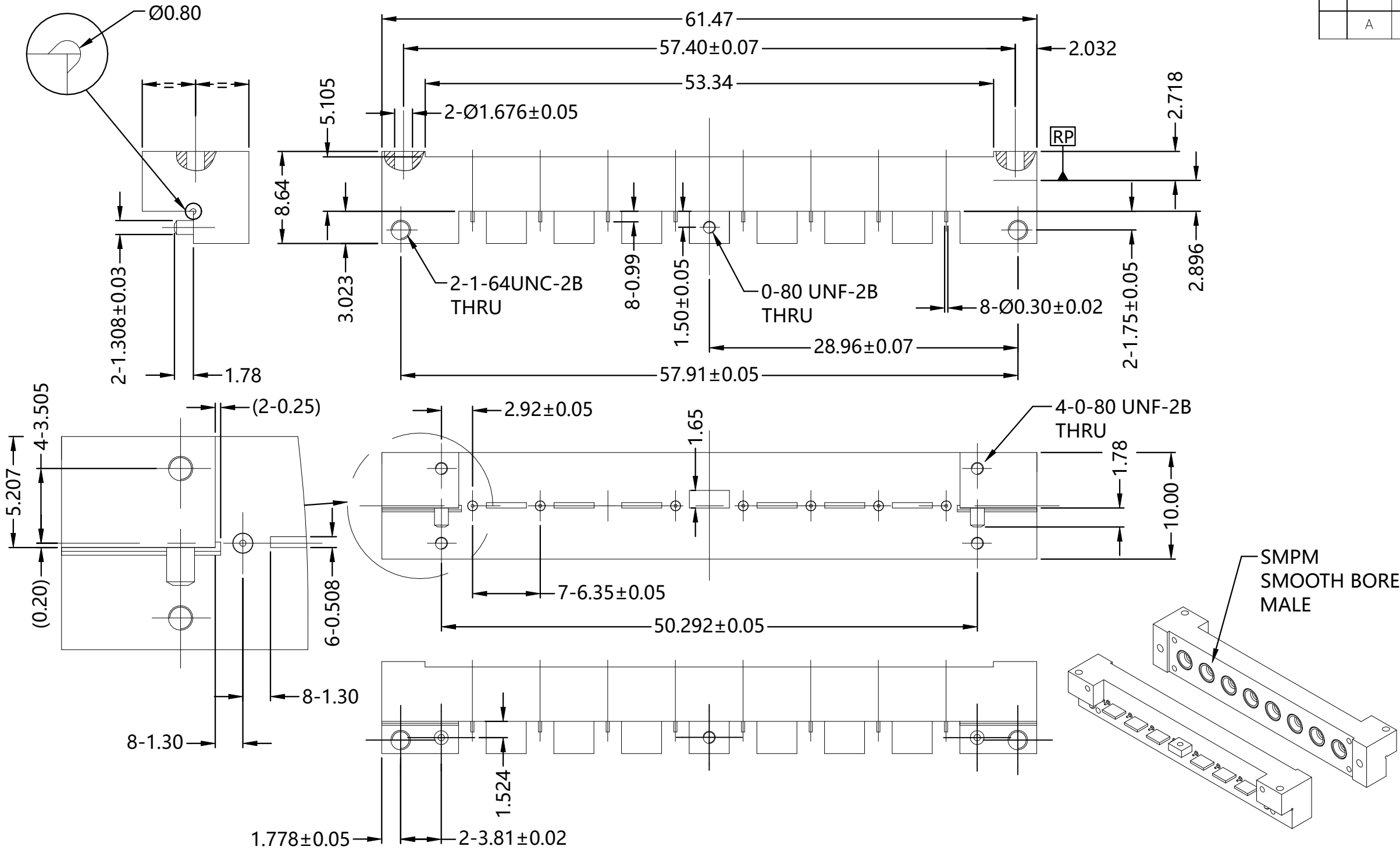


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECN-23-236030;GTP	23OCT2023	TP	WH



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Impedance (Ohm): <u>50</u> Frequency Range:<u>DC to 65GHz</u> Voltage Rating (Peak) @ Sea Level <u>170 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 : $<0.1 \sqrt{F(\text{GHz})}$ dB dB VSWR: <u><1.25 (DC~25.0 GHz)</u> <u><1.30 (26.5~40 GHz)</u>	Interface Dimension <u>SMPM</u> Force to Engage and Disengage Engage: < 2.5 lbs Disengage: > 1.5 lbs Center Contact Captivation Axial (lbs) > 1.5 Radial (In/Oz) <u>N/A</u> SHROUD TO BODY RETENTION >8 lbs Cable Retention Axial (Lbs) <u>N/A</u> Mating cycles <u>100</u> cycles	TEMPERATURE RANGE <u>-55 °C~+125 °C</u> ROHS <u>COMPLIANT</u>

2441483-1	PIN	STAINLESS STEEL	PASSIVATION
	SHELL	BRASS C3604	GOLD/NICKEL/COPPER
	CONTACT PIN	BERYLLIUM COPPER	GOLD/NICKEL/COPPER
	INSULATOR	PTFE	N/A
	BODY	STAINLESS STEEL	GOLD/NICKEL
PART NUMBER	DESCRIPTION	MATERIAL	PLATING

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ED 19JUN2023		TE Connectivity					
		CHK ED 19JUN2023							
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD WH 19JUN2023		NAME SMPM MALE STR 8 PORT EDGE LAUNCH,50OHM —			
		0 PLC ± — 1 PLC ± 0.2 2 PLC ± 0.1 3 PLC ± 0.05 4 PLC ± — ANGLES ± 5°		PRODUCT SPEC —					
				APPLICATION SPEC —					
MATERIAL —		FINISH —		WEIGHT —		SIZE A2	CAGE CODE 00779	DRAWING NO C=2441483	RESTRICTED TO —
CUSTOMER DRAWING						SCALE 1:1	SHEET 1 of 1	REV A	