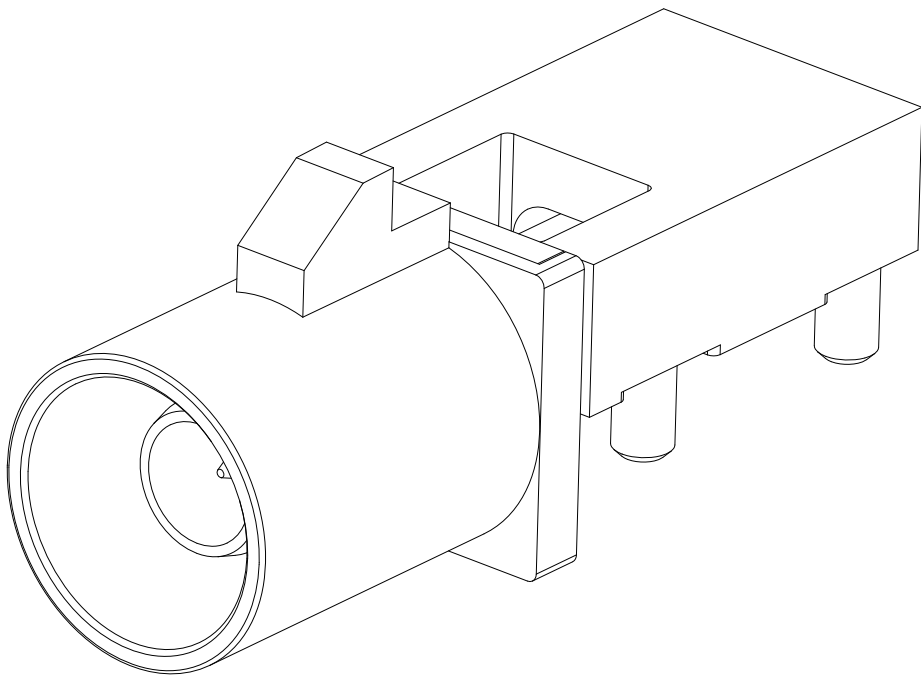
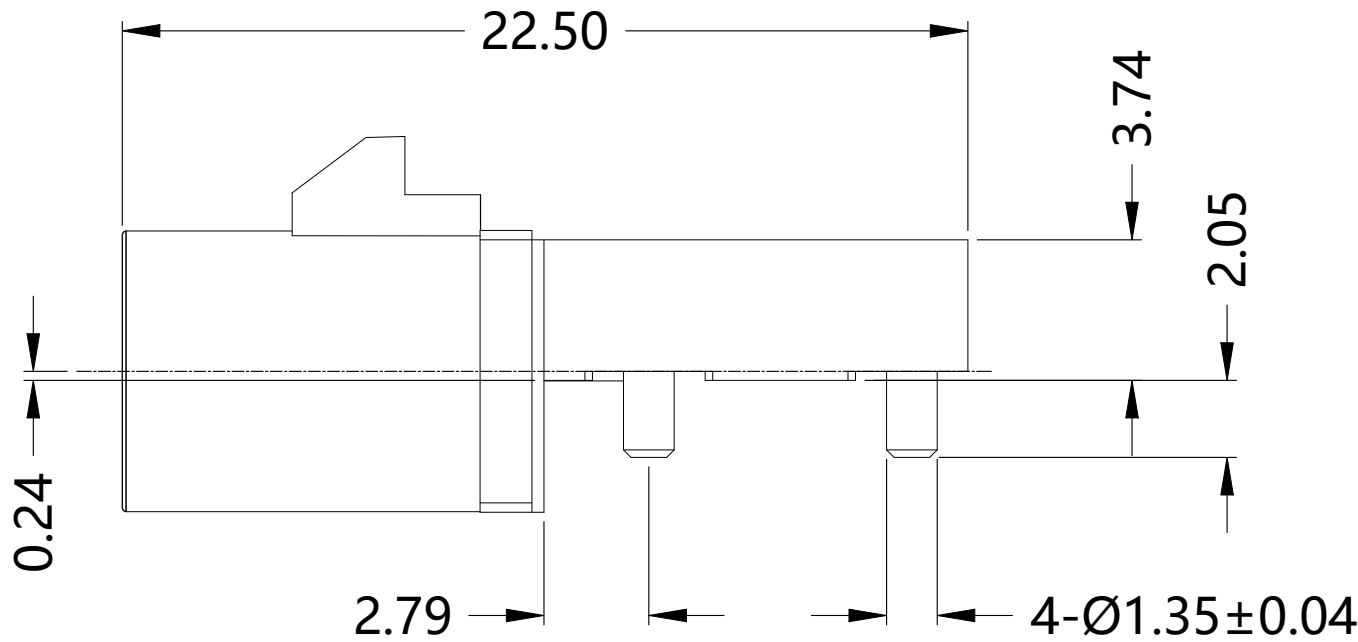
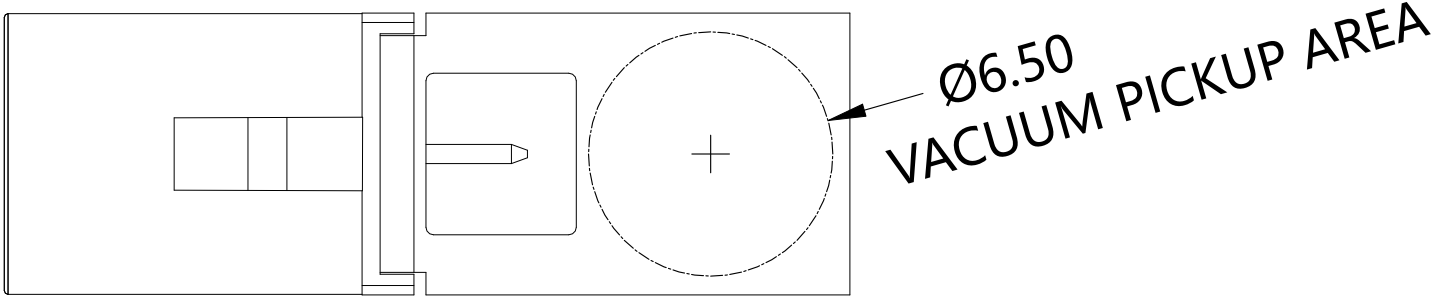
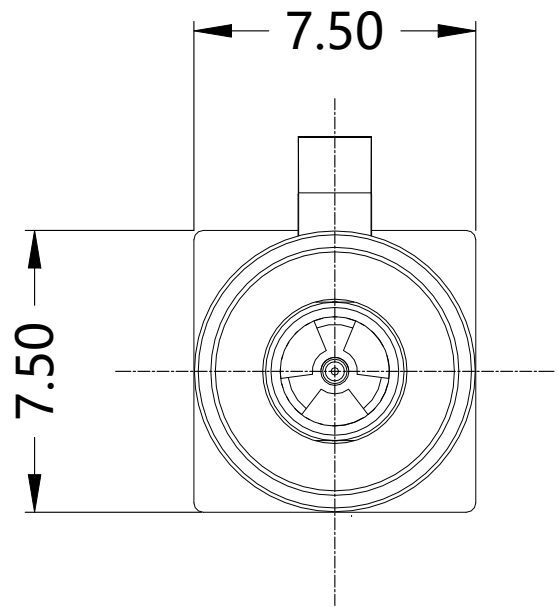
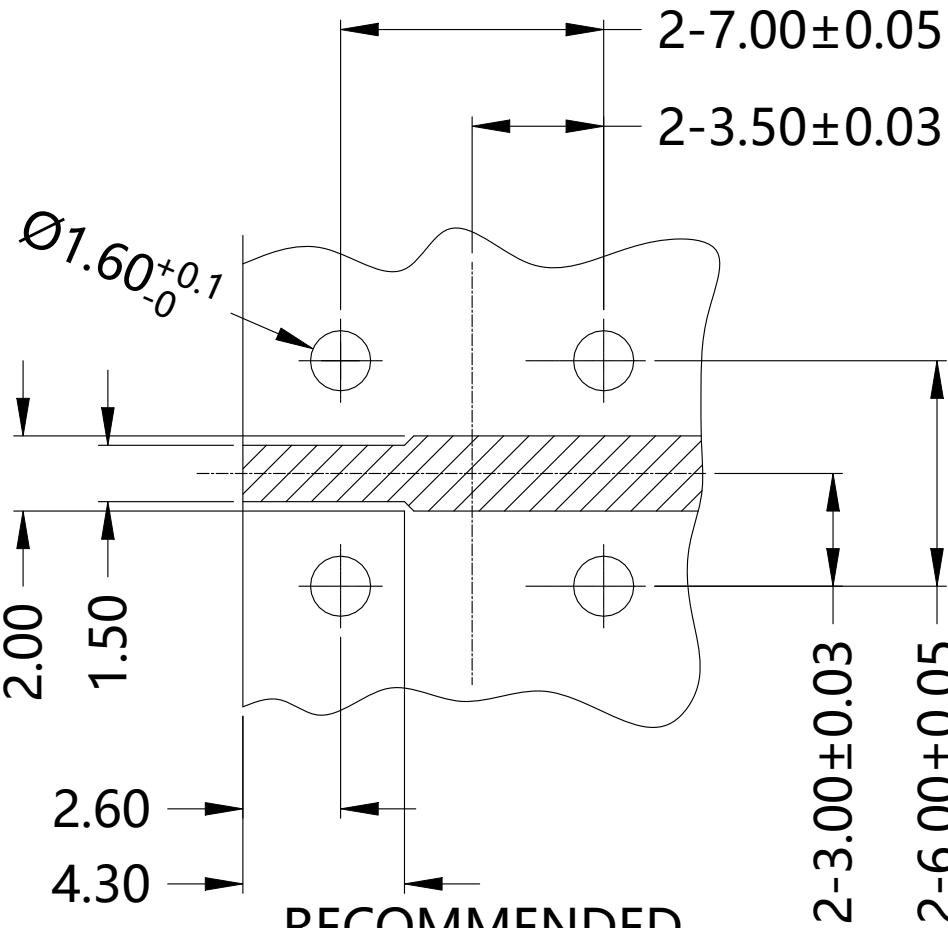
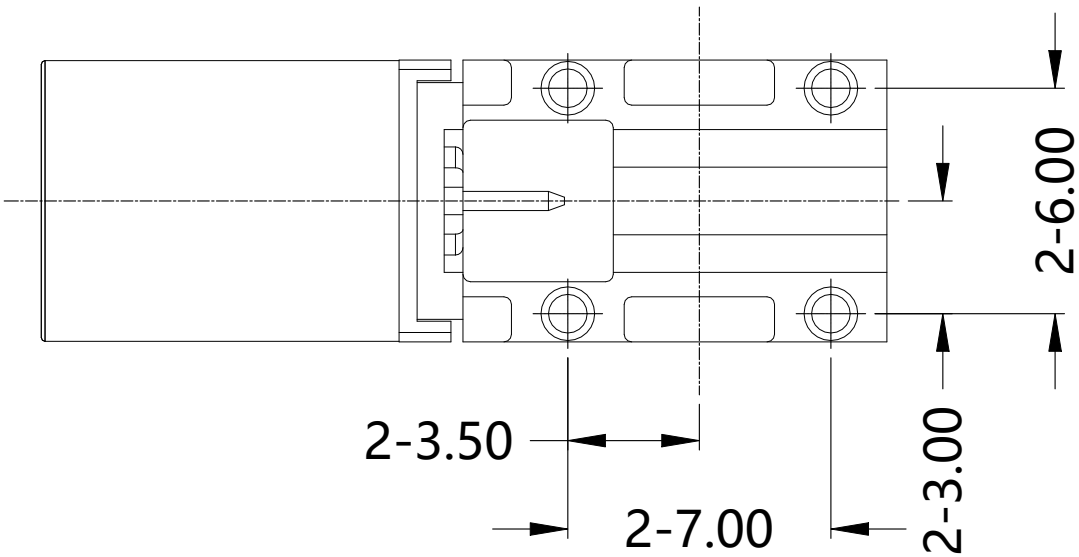


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	GTP PER ECN-24-291716	07NOV2024	ED	WH



NOTES:

- PACK IN ACCORDANCE WITH TE SPEC 107-3275;
- ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED;
- ELECTRICAL CHARACTERISTICS :
FREQUENCY RANGE : DC-6GHz
NOMINAL IMPEDANCE : 50 OHMS
INSULATION RESISTANCE : 1000 MOHMS
WORKING VOLTAGE : 250 VRMS MAX
DIELECTRIC WITHSTANDING VOLTAGE : 800 VOLTS MAX
VSWR : 1.40 MAX(DC-2GHz)
1.50 MAX(2-3GHz)
1.60 MAX(3-6GHz)
CONTACT RESISTANCE :
CENTER CONTACT : 10 mOHMS MAX
OUTER CONTACT : 7.5 mOHMS MAX;
- MECHANICAL CHARACTERISTICS :
DURABILITY : 100 CYCLES
MATING FORCE : 25N MAX;
DISENGAGEMENT FORCE : 2N MIN;
CONNECTOR DISENGAGEMENT FORCE WITH LOCK : 110N MIN;
UNMATING FORCE WITH DISENGAGED : 75N MAX;
- TEMPERATURE RANGE: -40°-+105°;
- RoHS: COMPLIANT;
- ALL DETAIL TEPNs ARE IN PAGE 2.



RECOMMENDED
PCB LAYOUT

	1	/	PA66+30%GF	SHELL	4
	1	GOLD 3u"/COPPER	BRASS	CONTACT PIN	3
	1	NATURAL	HTN 15%GF	INSULATOR	2
	1	TIN 100u" MIN	ZINC ALLOY	BODY	1
	2474494-X	PLATING	MATERIAL	DESCRIPTION	ITEM

QUANTITY PER ASSY

PARTS LIST

THIS DRAWING IS A CONTROLLED DOCUMENT.					
DWN		ED		06NOV2023	
CHK		ED		06NOV2023	
APVD		WH		06NOV2023	
PRODUCT SPEC		NAME		FAKRA MALE WITH HOUSING, RIGHT ANGLE,PCB,DC-6GHZ	
APPLICATION SPEC		SIZE		CAGE CODE	
WEIGHT		DRAWING NO		RESTRICTED TO	
MATERIAL		A2		00779	
FINISH		C=		2474494	
SEE TABLE		CUSTOMER DRAWING		SCALE	
		8:1		SHEET	
		1 OF 2		REV	
		A			

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

Mechanical and Color Coding			
TEPN	Color	Coding	
2474494-1	Deep Black	A	
2474494-2	Signal White	B	
2474494-3	Signal Blue	C	
2474494-4	Bordeaux Violet	D	
2474494-5	Leaf Green	E	
2474494-6	Brown	F	
2474494-7	Blue Grey	G	
2474494-8	Heather Violet	H	
2474494-9	Beige	I	
1-2474494-1	Curry Yellow	K	
1-2474494-2	Carmine-red	L	
1-2474494-3	Pastel orange	M	
1-2474494-4	Pastel green	N	
1-2474494-5	Water Blue	Z	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	06NOV2023	TE Connectivity Ltd.	
		ED			
		CHK	06NOV2023		
		ED			
DIMENSIONS: mm		APVD	06NOV2023	NAME FAKRA MALE WITH HOUSING, RIGHT ANGLE,PCB,DC–6GHZ —	
		WH			
		PRODUCT SPEC			
		APPLICATION SPEC			
MATERIAL SEE TABLE		TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.1 4 PLC ± — ANGLES ± 5° FINISH —		SIZE A2	
				CAGE CODE 00779	
				DRAWING NO C=2474494	
				RESTRICTED TO —	
CUSTOMER DRAWING			WEIGHT	—	
			SCALE	8:1	SHEET 2 OF 2
			REV	A	

Mouser Electronics

Authorized Distributor

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