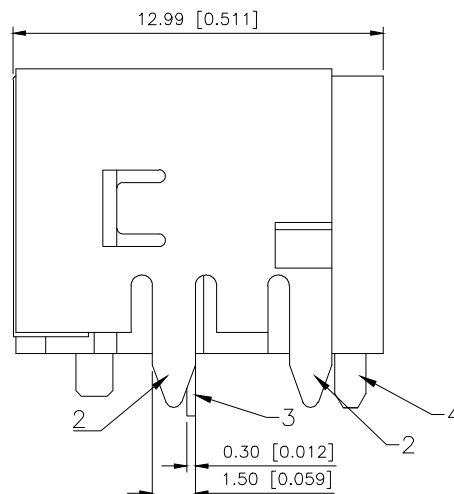
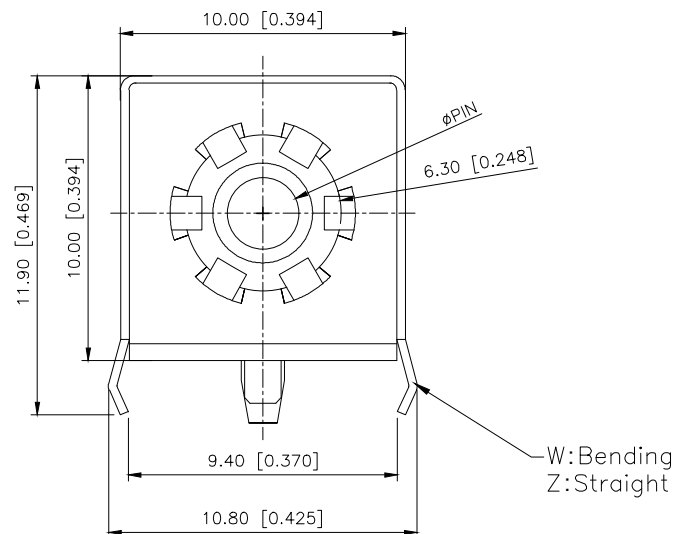
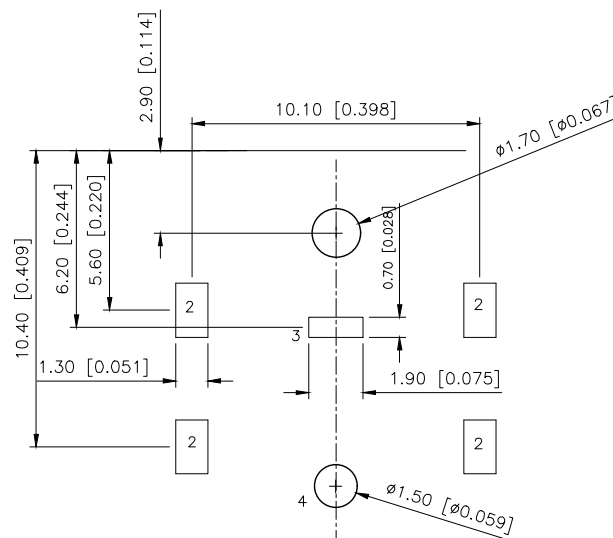
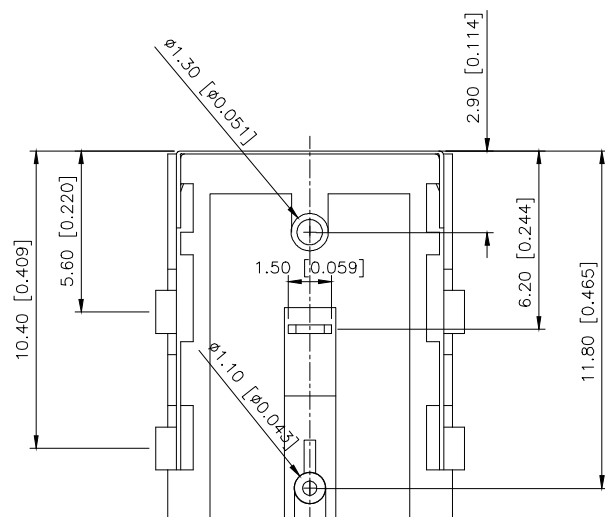


REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A			2025.06.13	



NOTES:
Rated electrical load DC 24V/8A
Contact resistance: $\leq 30\text{m}\Omega$
Insulation resistance: $\geq 100\text{M}\Omega$
Voltage resistance AC500V(50Hz)/min
Insertion and extraction force 3-25N
Operating temperature -40 ~105
Service life:5000

SCHEMATIC	
Model	DC-042C
Center Pin	$\varnothing 2.0\text{ mm}$
	$\varnothing 2.5\text{ mm}$



6	Shield cover	1	H62 Brass T=0.30	CuSn
5	Cover	1	SUS T=0.10	
4	Shrapnel	1	H62 Phosphor Bronze T=0.30	CuSn
3	PIN	1	H62 Brass	CuSn
2	Plastics	1	PPA	Black
1	Base	1	PPA	Black
NO	NAME	QTY	MATERIAL	PLATED

AuGLAR	$\pm 5^\circ$
X.	± 0.40
X.x	± 0.30
X.xx	± 0.20
X.xxx	± 0.15
UNSPECIFIED TOLERANCES	



DESIGN		VIEW:	MODEL TYPE: DC POWER JACK
CHECKED		UNIT: mm/in	PART NO.: DC-042C-Z-2.5
APPROVED		SIZE: A4	DWG NO.: X-DC-042C-Z-2.5