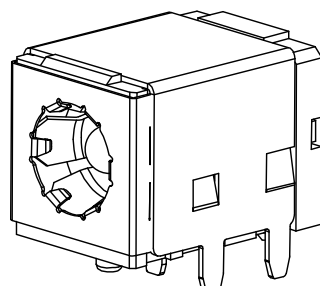
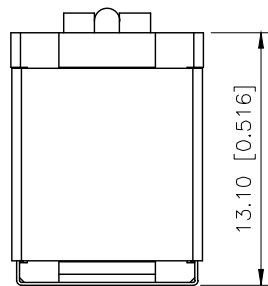


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2

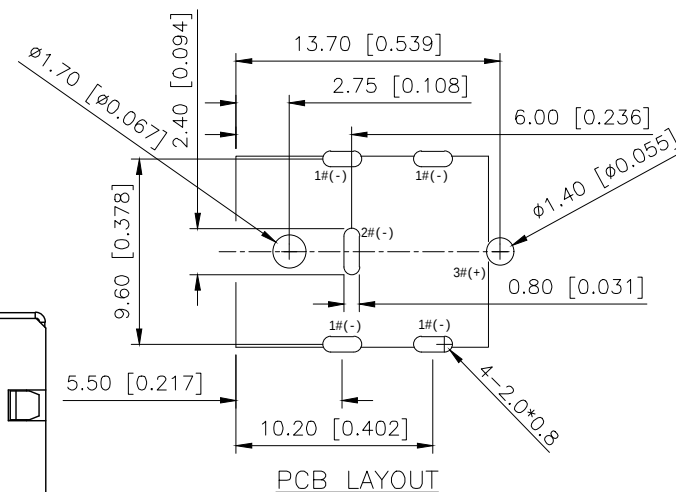
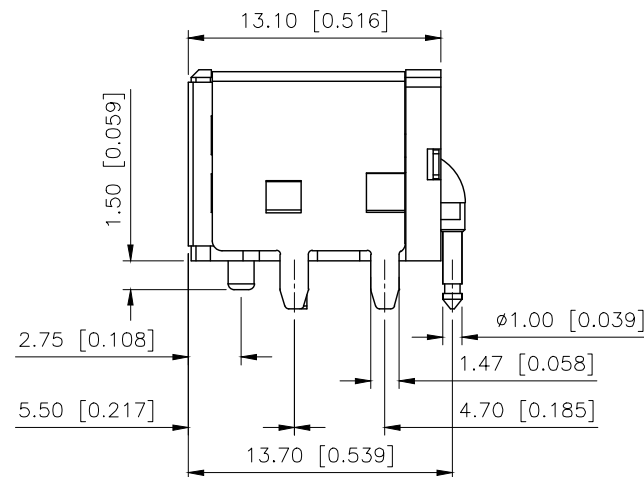
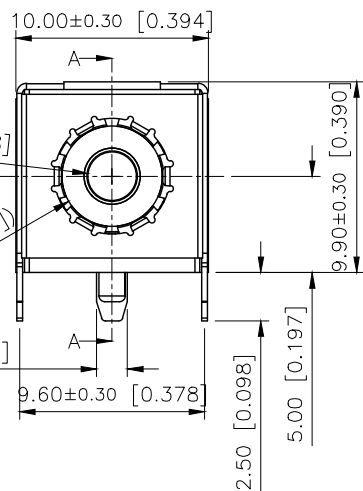
3

4



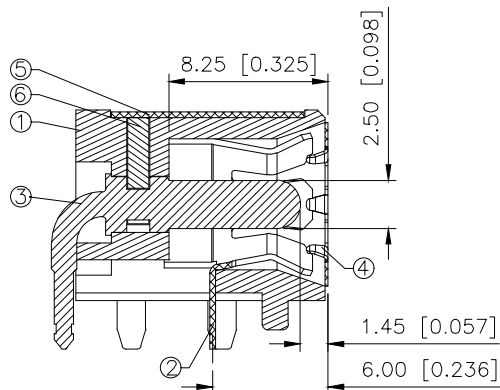
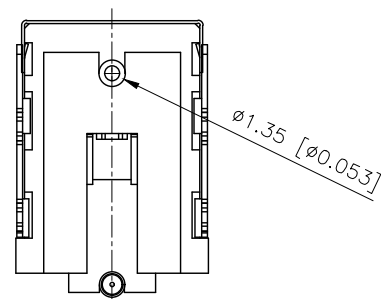
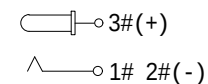
3D VIEW

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	2024.04.12	

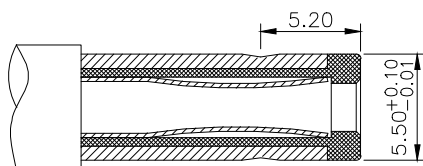


Specifications:
Voltage rating:20VAC/DC
Current rating:10A AC/DC
Insulation resistance:≥100MΩ Min
Contact resistance:≤30mΩ Max
Withstanding voltage:500V AC/minute
DURABILITY: 5000 CYCLES MIN
CONNECTOR MATING FORCES: 5~40N
CONNECTOR UNMATING FORCES: 5~40N
Temperature range:-40 to+70

SCHEMATIC



Section A-A



MATING PLUG

6	STOPPER	1	HIGH TEMP THERMOPLASTIC UL-94 V0	BLACK
5	SHELL	1	SUS301 0.3t	Ni60U"
4	CONTACT FOOT	1	SUS301 0.15t	N/A
3	PIN	1	BRASS	Ni60U"
2	SPRING PIECE	1	C5191 0.3t	AG15U" OVER Ni50U"
1	HOUSING	1	HIGH TEMP THERMOPLASTIC UL-94 V0	BLACK
NO.	DESCRIPTION	QTY	MATERIAL	PLATING

ANGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERANCES	

XKB

DESIGN

CHECKED

APPROVED

VIEW:

UNIT: mm/in

SIZE: A4

MODEL TYPE:

DC POWER JACK

PART NO.:

DC-042Z-10A-2.5

DWG NO.:

SCALE: N/A

PAGE: 1/1

REVISION: A0