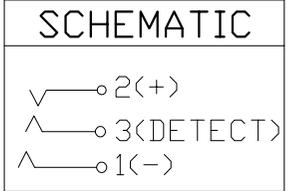
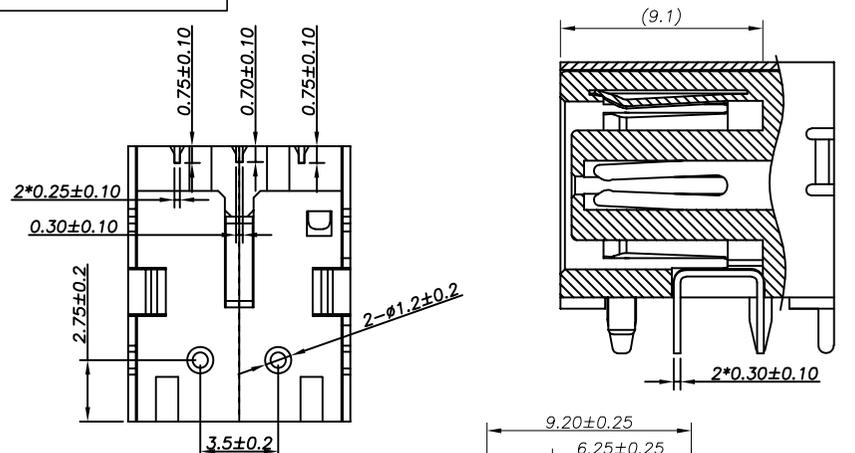
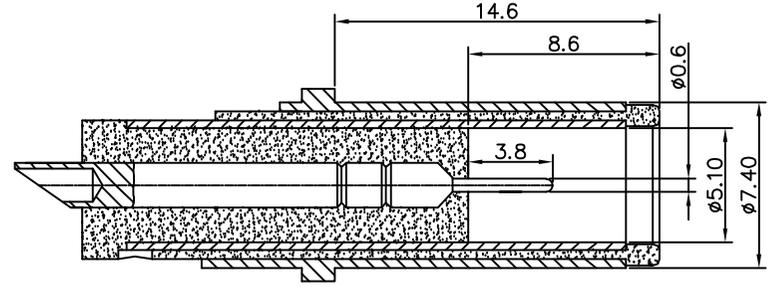
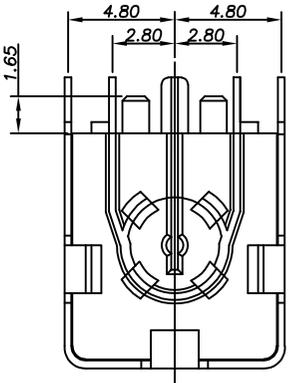
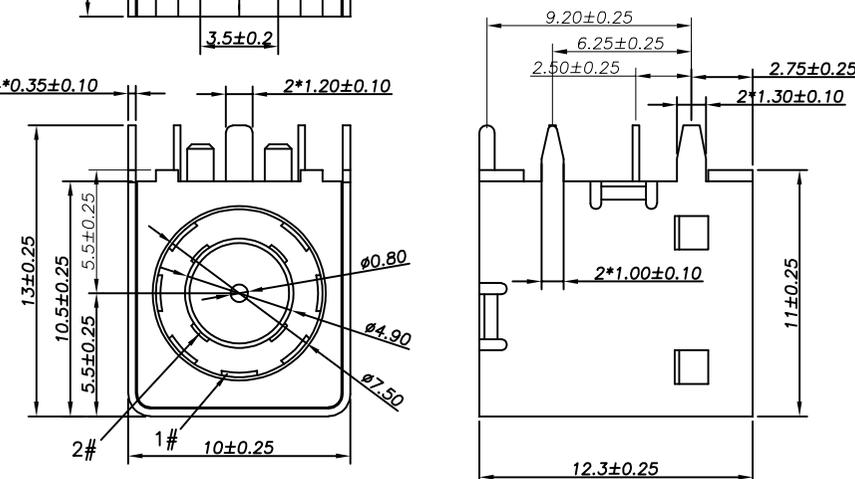


GP Component

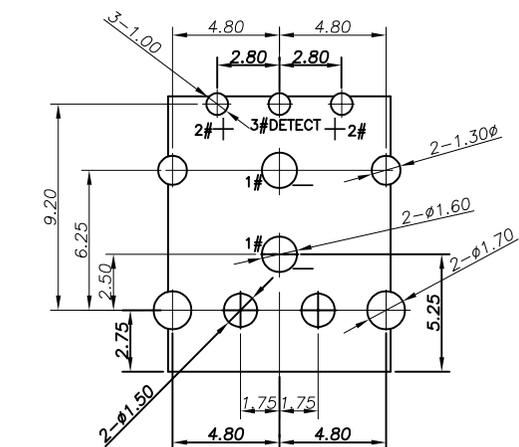
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2023/08/31	Hanson
A0.1			Change operation temperature from 85 to 105°C	2024/05/29	Ryan
A0.2			Change operation temperature from 105 to 125°C	2024/07/02	Ryan



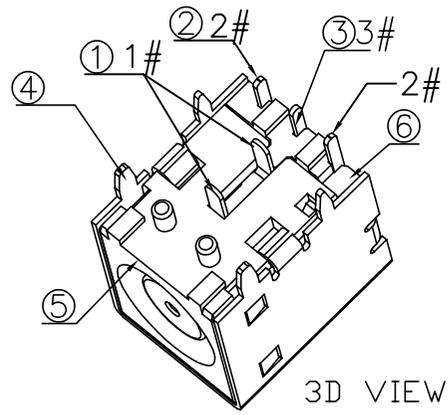
ELECTRICAL
 VOLTAGE/CURRENT RATING:DC20V 18.0A ,DC30V 15A ,DC60V 5A
 CONTACT RESISTANCE:30mΩ MAX.
 INSULATION RESISTANCE:100 MΩ MIN.
 DIELECTRIC WITHSTAND VOLTAGE:500V AC
 INSERTION AND EXTRACTION FORCE: 3-30N;
 LIFE TEST: 5,000 CYCLES MIN.
 TEMPERATURE RANGE:-40°C TO +125°C
 (INCLUDING TEMPERATURE RISE) \triangle
 SALT SPRAY TEST MEETS 24 HOURS



DC Mate Plug



P.C.B LAYOUT TOP VIEW



3D VIEW

⑥	COVER	1	LCP UL-94V-0	BLACK	
⑤	HOUSING	1	LCP UL-94V-0	BLACK	
④	SHELL	1	C2680	Ni-PLATED	
③	3# TERMINAL(DETECT)	1	C5191	Au-PLATED	
②	2# TERMINAL(+)	1	C5191	Ag-PLATED	
①	1# TERMINAL(-)	1	C5191	Ag-PLATED	
NO.	PART NAME	Q'TY	MATERIAL	FINISH	REMARK



Matrix Electronics Co.,Ltd

TOLERANCE: X.X ±0.50 X.XX ±0.40 X.XXX ±0.30 X.XXXX ±0.15 ANGLE: ±5°	DESIGN BY : Hanson Huang	DATE : 2023/08/31	PART NAME: DC POWER JACK	
	CHECKED BY: Vicky Hsieh	DATE : 2023/08/31	PART NO.	MSPDCJ08385
	APPROVED BY1: Richard Hsieh	DATE : 2023/08/31	MOLD NO.	NA
	APPROVED BY2: Richard Hsieh	DATE : 2023/08/31	DRAW NO.	
UNIT: mm [inch]	SCALE:1:1	SIZE:A4	SHEET NO.	1 OF 1