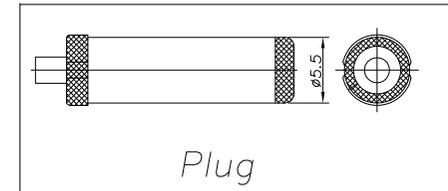
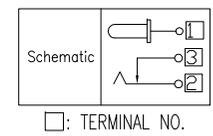
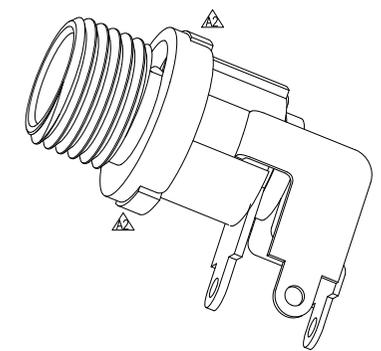
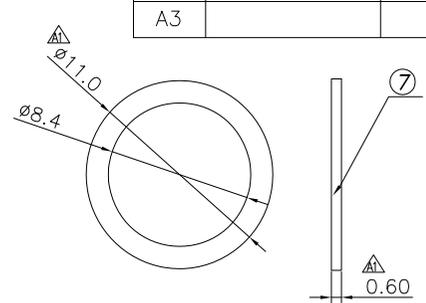
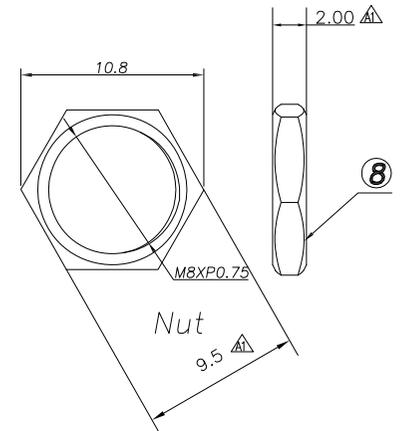
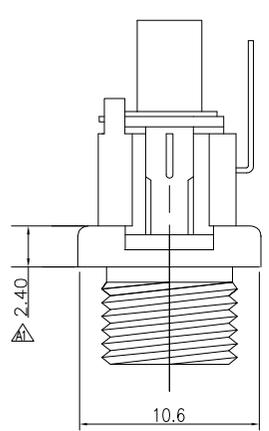


GP Component

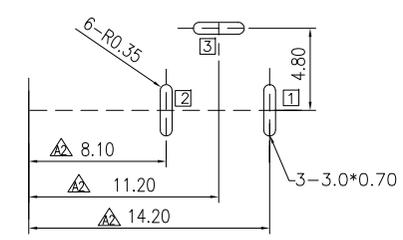
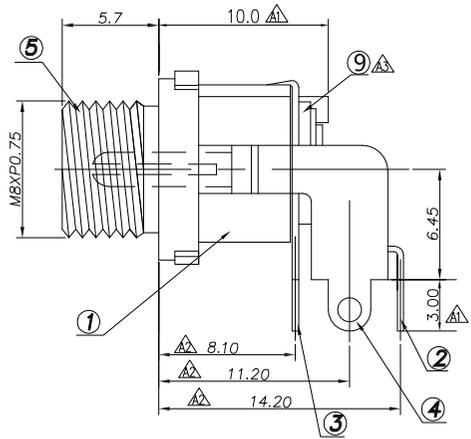
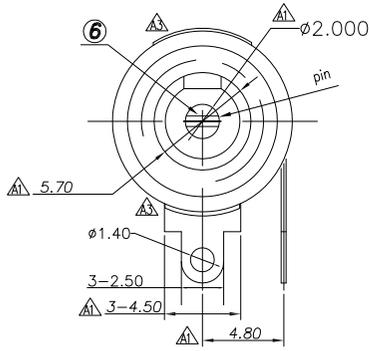
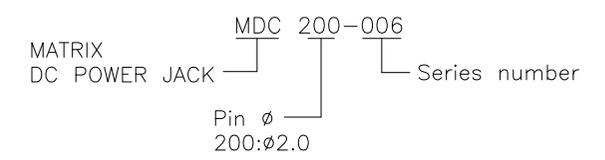
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2020/03/23	Hanson
A1			Change Tolerance	2021/04/08	Hanson
A2			Change Tolerance	2021/08/25	Hanson
A3			增加塑膠卡點	2021/11/01	Hanson



SPECIFICATION

- Rated Load : DC 24V 5A, Max DC 12V 10A;
- Contact resistance: $\leq 30m\Omega$;
- Insulation resistance: $\geq 100M\Omega$;
- Withstand voltage: AC 500V ;
- Insertion and extraction force: 3-30N;
- life test: 5,000 cycles.
- Twisting force: 4.50Kgf.cm min.

MATRIX PART NO:



P.C.B Layout (Solder side view)

NO.	DESCRIPTION	QTY	MATFRIAL	PLATING
⑨	Insulating gasket	2	Phenolic cardboard	Brown
⑧	Nut	1	H59	Ni-Plating
⑦	Washer	1	SPCC	Ni-Plating
⑥	Pin	①	H59	Ni-Plating
⑤	Bushing	1	H59	Ni-Plating
④	Shunt Terminal	③	Phosphor bronze T:0.35mm	Cu-Sn-Plating
③	Tip Spring	②	Phosphor bronze T:0.45mm	Cu-Sn-Plating
②	Center pin terminal	①	BRASS T:0.30mm	Cu-Sn-Plating
①	Housing	1	PBT	Black



Matrix Electronics Co.,Ltd

TOLERANCE: X:X ±0.35 X:XX ±0.25 X:XXX ±0.15 ANGLE: ±3°		DESIGN BY : Hanson Huang	DATE : 2021/11/01	PART NAME: Power DC DIP Jack	
CHECKED BY: Vicky Hsieh		DATE : 2021/11/01	PART NO.	MDC200-006	
APPROVED BY1: Richard Hsieh		DATE : 2021/11/01	MOLD NO.	NA	
APPROVED BY2: Richard Hsieh		DATE : 2021/11/01	DRAW NO.	1 OF 1	
SCALE:1:1 SIZE:A4		SHEET NO.			