



SUGGESTED PCB LAYOUT
(TOP VIEW)

NOTES:

MATERIAL :

- 1.HOUSING MATERIAL :PBT
- 2.CONTACT MATERIAL :PHOSPHOR BRONZE $\phi 0.46\text{mm}$.
- 3.PLATING :GOLD PLATING OVER NICKEL.
- 4.SHIELD :0.20mm THICKNESS COPPER ALLOY WITH NICKEL PLATED.

ELECTRICAL:

- 1.VOLTAGE RATING :125 VAC RMS.
- 2.CURRENT RATING :15 AMP.
- 3.CONTACT RESISTANCE :30 MILLIOHMS MAX.
- 4.INSULATION RESISTANCE :1000 MEGOHMS MIN @ 500V DC .
- 5.DIELECTRIC WITHSTANDING RESISTANCE :1000V AC RMS 50Hz. 1MIN.

MECHANICAL:

- 1.DURRABILITY :750 CYCLES MIN.
- 2.PCB RETENTION PRE-SOLDER :1 LB MIN.

ENVIRONMENTAL:

- 1.STORAGE : -40°C~+85°C
- 2.OPERATION : -40°C TO 70°C.

RoHS Compliant

PRODUCT SERIES XMD-1S-21-8-8-W51

Shielded Type
S: With Shielded

NO. OF PORTS 8P 8C LED COLOR OPTION
1:Left YE Right BK

TOLERANCE UNSPECIFIED	
.0	±0.25
.00	±0.13
.000	±0.10
ANGLE	±3.00°
MANUFACTURING COPY	

X MULTIPLE

TITLE: RJ45 CONNECTOR,2x1,W/LED,SHIELDED,THRU HOLE

DRAWN BY	Jim Wang	SIZE: A4	UNIT: mm	PART NO.	XMD-1S-21-8-8-W51
CHECKED BY	Ann Yang	SCALE: 1:1	PROJECTION		REV.: A0
DATE	2011.06.25	DWG NO.	LK-RJ-WOT-012	SHEET	1 OF 3