

Mechanical

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE		~	

MATERIAL:

HOUSING : PBT,UL94V-0,BLACK.

TERMINALS BRACKET: PBT,UL94V-0,BLACK.

SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.

TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,
6U" GOLD PLATING ON CONTACT AREA.

MECHANICAL:

DURABILITY : 750 CYCLES MIN.

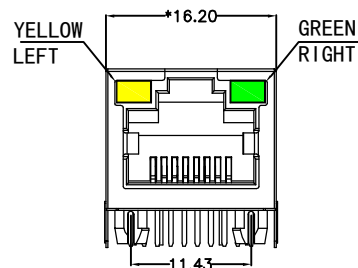
MATING FORCE : 23N MAX.

OPERATING TEMPERATURE: -40°C~+85°C.

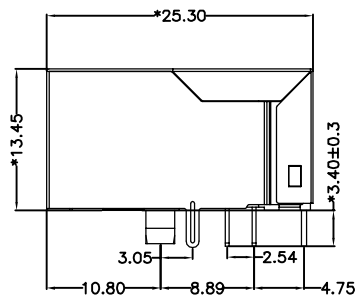
STORAGE TEMPERATURE: -40°C~+85°C.

ALL CRITICAL DIMENSIONS WITH "*"

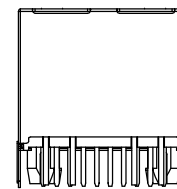
TOP VIEW



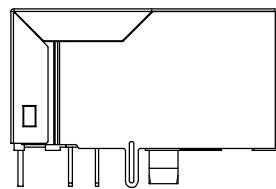
FRONT VIEW



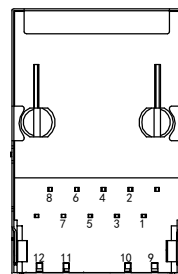
RIGHT SIDE VIEW



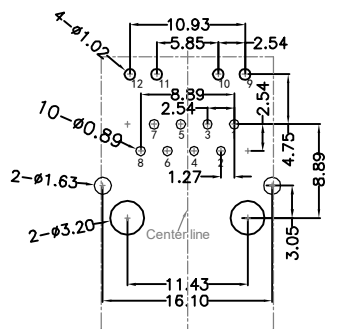
BACK VIEW



LEFT SIDE VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE

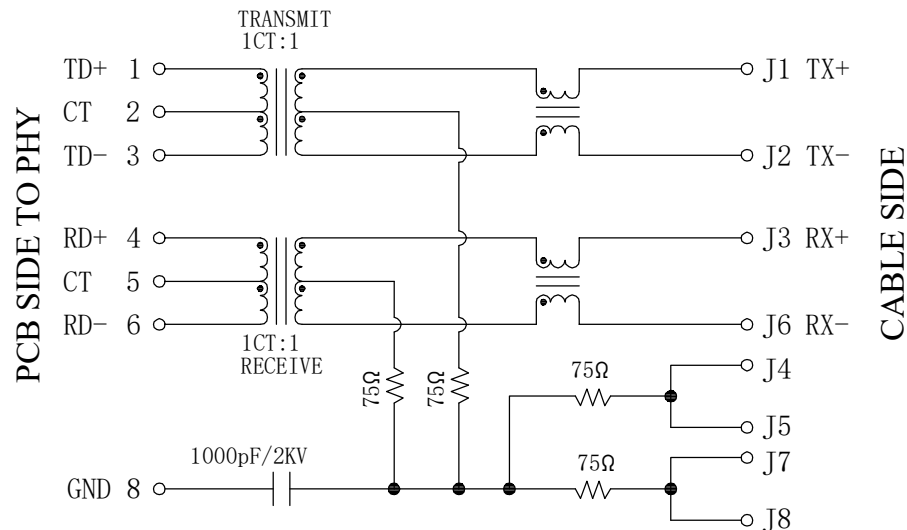
MJT13 - M4 083 X X X X X X

Shield	No. of Ports	LED Color	Plastic Peg	Insulator	Gold Plating
0 - w/o Shield	1 - 1X1	0 - w/o LED	1 - Split	1 - PBT	1 - 1μ"
1 - Shield w/o EMI	2 - 1X2	1 - Y/G	2 - Cross	2 - PA66	2 - 3μ"
2 - Shield w/ EMI	4 - 1X4	2 - G/Y		3 - PA46	3 - 6μ"
3 - Half Shield	6 - 1X6	3 - G/G		4 - LCP	4 - 15μ"
	8 - 1X8	4 - Y/Y			5 - 30μ"
		5 - Special			6 - 50μ"

GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION		TITLE	TAB-UP, 100BASE-T, SHIELD W/ LED, L: 25.3MM
X.	±0.35	X.	±3.0°	UNITS	mm		
.X	±0.30	.X	±2.0°	SHEET SIZE	A4	PART NO.	MJT13 - M40831111XX
.XX	±0.25	.XX	±1.5°	WAYCONN CO.,LTD			
.XXX	±0.10	.XX	±1.0°				
DRAWING TYPE		CUSTOMER					
SCALE	1:1	SHEET	2 OF 2				
SERIES		MJT13 SERIES					

Schematics

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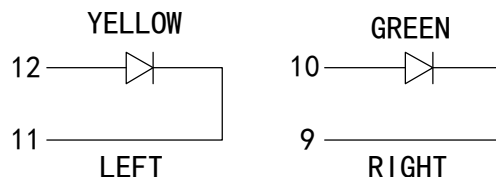


Electrical:

- Turn ratio:1~3:J1~J2=1CT:1CT(±2%).
4~6:J3~J6=1CT:1CT(±2%).
- OCL:350uH Min.at 100KHz 100mV 8mA DC.
- Insertion Loss: -1.0 dB Max 1~100MHz.
- Return loss: -20dB Min 1~10MHz;
-16dB Min 10~30MHz.
-12dB Min 30~60MHz.
-10dB Min 60~80MHz.
- Cross talk: -40dB Min 1~30MHz;
-35dB Min 30~60MHz;
-30dB Min 60~100MHz;
- CMR: -30dB Min 1~100MHz;
- Hi-Pot:1500V AC & 2250V DC
6S 1mA PRI TO SEC

LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.85-2.45V
Yellow	585nm	20mA	1.7-2.2V



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