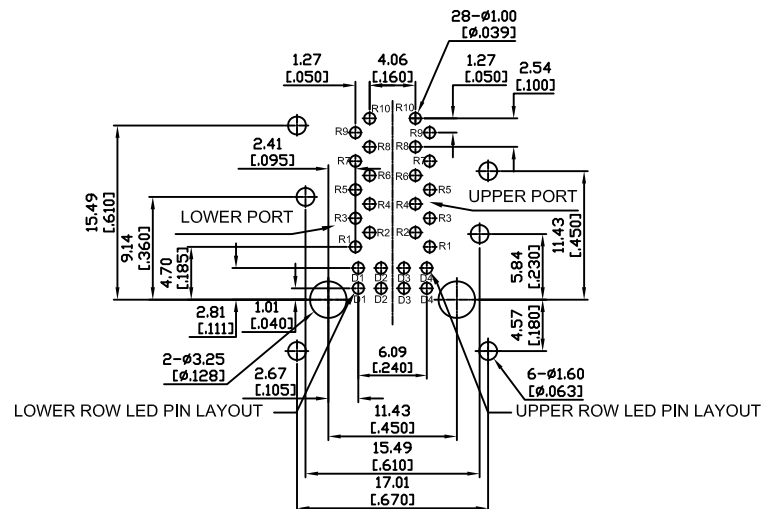
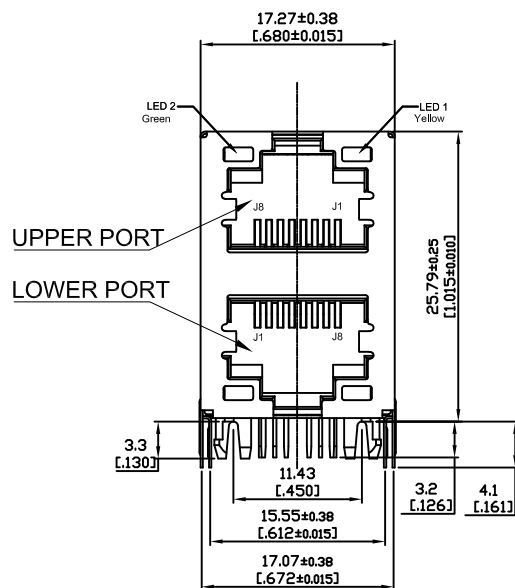
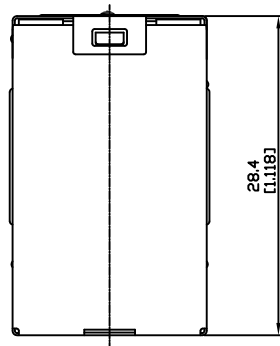
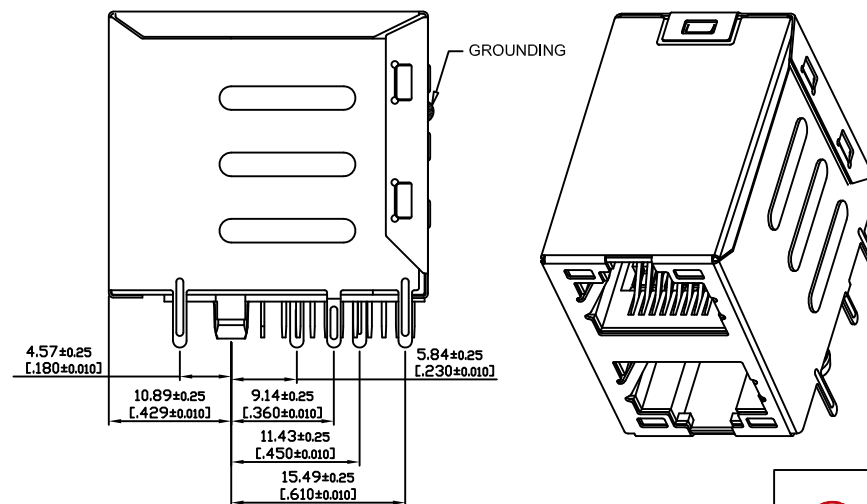


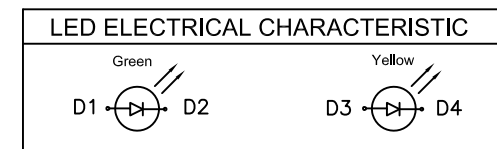
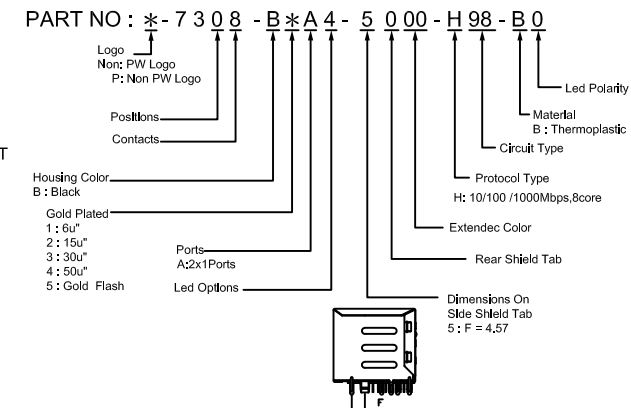
1. MECHANICAL DIMENSIONS:



RECOMMENDED PCB LAYOUT
TOLERANCE: $\pm 0.05\text{mm}$
PCB THICKNESS: $1.60 \pm 0.05\text{mm}$



- Note:
- Housing: Thermoplastic UL 94V-0
 - Contact : Selective Gold Plating
 - Terminal: 0.25mm Thickness Copper Alloy
Plated With Gold And Tin In Solder Area.
 - Front & Back Shielded: Copper Alloy ,Nickel Plating
 - Operating Temperature Range : $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$



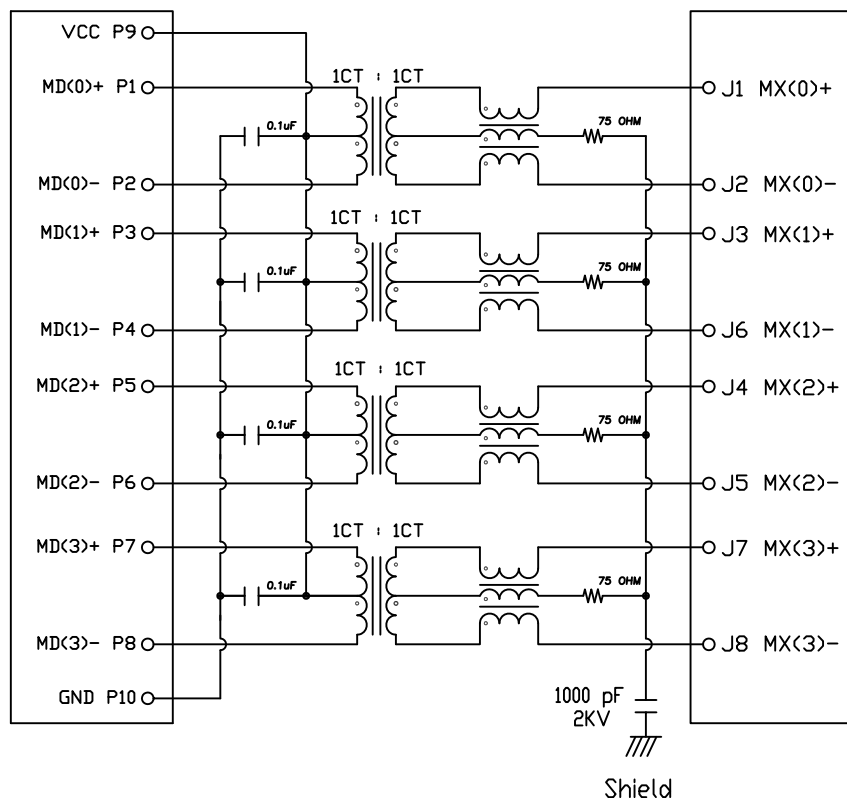
CHAMPWAY 冠泰電子有限公司
CHAMPWAY ELECTRONICS CO., LTD.

ZONE	REV.	DESCRIPTION	DATE	DWG	FILE NO : 73(SERIES)	TITLE 圖 名	RJ45 Connector, Shielded, With Led With Transformer, 1000 Mbps Filter	UNIT 單位	mm inch
					TOLERANCE(公差): 0.000 mm $\pm$ 0.075 mm 0.00 mm $\pm$ 0.15 mm 0.0 mm $\pm$ 0.25 mm	PART NO. 料 號	P-7308-B * A4-5000-H98-B0	SCALE 比例	1 : 1
						REV. 版本	A.0	DATE 日期	2014-02-19
						CHECKED BY 審 核	Jay	DRAWN BY 製 圖	Sword

2. SCHEMATIC:

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



3. ELECTRICAL CHARACTERISTICS :

Test Notes:(25±5°C)

1.TR:(100KHz,0.1V);

Pins:(P1,P2):(J1,J2)=1:1±3%;(P3,P4):(J3,J6)=1:1±3%

Pins:(P5,P6):(J4,J5)=1:1±3%;(P7,P8):(J7,J8)=1:1±3%

2.LX:(100KHz,100mV,8mA, DC Bias)

Pins:(P1,P2),(P3,P4),(P5,P6),(P7,P8)=350uH Minimum

3.DCR:

Pins:(J1-J2),(J3-J6),(J4,J5),(J7,J8)=1.2 Ω Maximum

4.HIPOT:

Pins:(P1,P2)To(J1,J2),(P3,P4)To(J3,J6)=1500VAC 60s or 2250VDC 60s

Pins:(P5,P6)To(J4,J5),(P7,P8)To(J7,J8)=1500VAC 60s or 2250VDC 60s

5.INSERTION LOSS:

-0.8dB Maximum At 0.3MHz To 100MHz;

-1.2dB Maximum At 100MHz To 120MHz

6.RETURN LOSS:

-18dB Minimum At 0.5MHz To 40MHz;

-12+20Log(f/80MHz)dB Minimum At 40MHz To 100MHz

7.CROSS TALK:

-33+20Log(f/100MHz)dB Minimum At 0.1MHz To 100MHz

8.COMMON TO DIFFERENTIAL MODE REJECTION:

-35dB Minimum At 300KHz To 100MHz

9.COMMON TO COMMON MODE REJECTION:

-30dB Minimum At 300KHz To 100MHz

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ZONE	REV.	DESCRIPTION	DATE	DWG	FILE NO : 73(SERIES)	TITLE 圖 名	RJ45 Connector,Shielded, With Led With Transformer, 1000 Mbps Filter			UNIT 單位	mm inch
					TOLERANCE(公差) : 0.000 mm ± 0.075 mm 0.00 mm ± 0.15 mm 0.0 mm ± 0.25 mm	PART NO. 料 號	P-7308-B * A4-5000-H98-B0			SCALE 比例	1 : 1
						REV. 版本	A.0	DATE 日期	2014-02-19		
						CHECKED BY 審 核	Jay		DRAWN BY 製 圖	Sword	