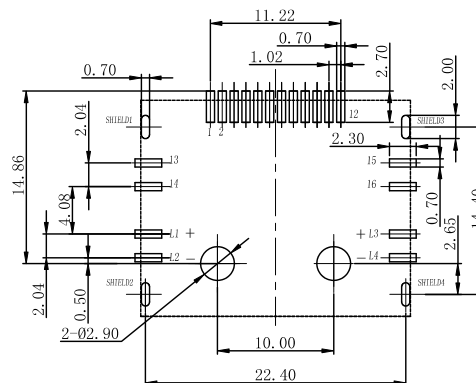
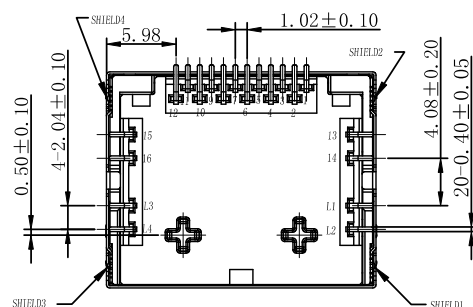
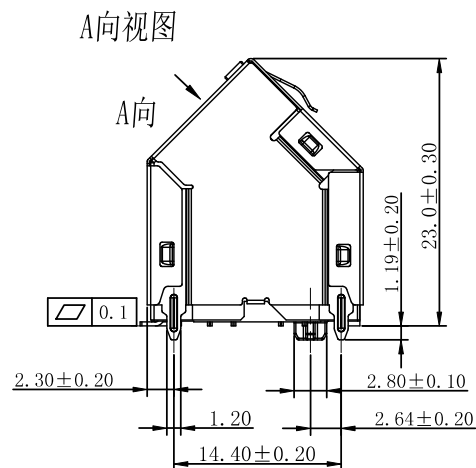
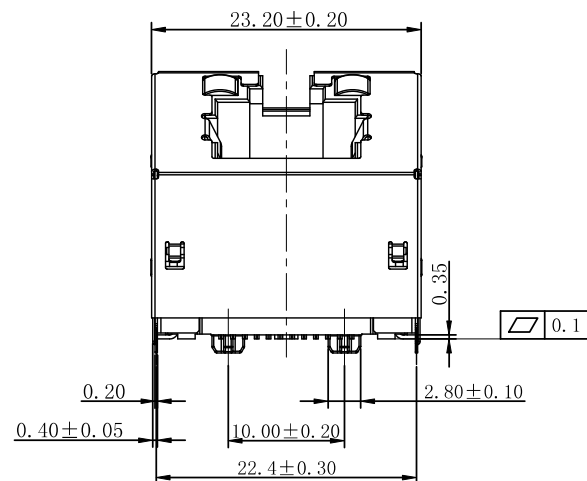
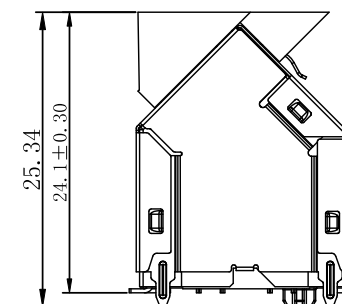
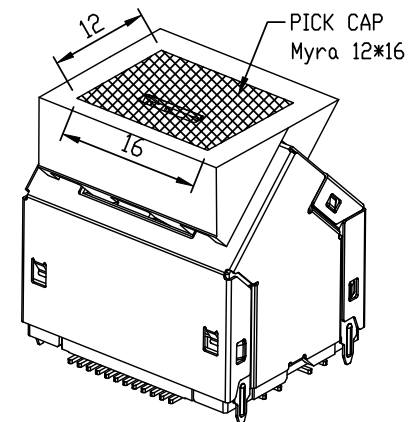
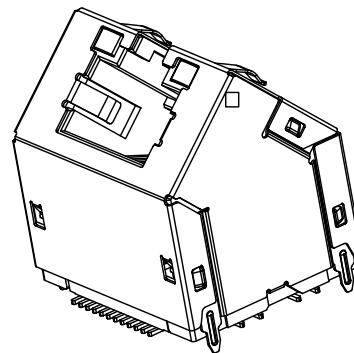
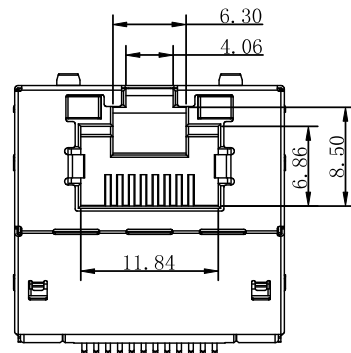




Recommended PCB Layout
(T=1.60mm, Tol: ± 0.05)



NOTE:

1. MATERIAL:

1.1 HOUSING: HIGH TEMPERATURE PLASTIC

LCP UL94V-0 BLACK

1.2 INSULATOR: HIGH TEMPERATURE PLASTIC

LCP UL94V-0 BLACK

1.3 CONTACT: COPPER ALLOY

1.4 SHIELD: COPPER ALLOY (C2680-H)

2. *FINISH:*

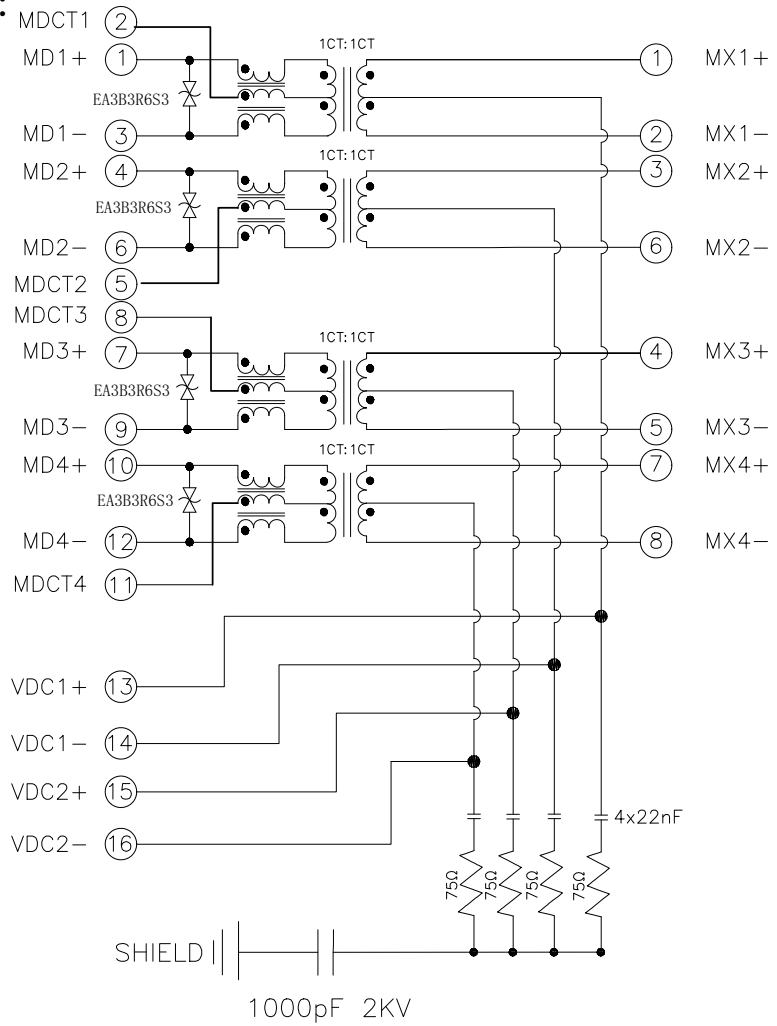
2.1 TERMINAL: SELECTED GOLD PLATED

2.2 SHELL: NICKEL PLATING OVERALL

						UNLESS OTHERWISE SPECIFIED TOLERANCE 尺寸公差	CHECKED 審核	DESIGNED 設計 zhijun 2025/9/16		TITLE 產品名稱 RJ 180度斜口1000M帶POE帶灯左黄右绿		1/2
A	E2509-001	X 0	-		zhijun	2025/9/16	APPROVED 承認	DRAWN 製圖 zhijun 2025/9/16	UNIT 單位 MM	SCALE 比例 1/1	PART NO. 產品料號 G01-C097-00002	
REV. 版本	ECN NO. 設變號碼	MARK 記號	REVISIONS 設變內容	SIGN 修改	DATE 日期					SIZE 尺寸 A4	DOC. NO. 文件編號 CUT-C097-007	

Schematic:

PCB SIDE

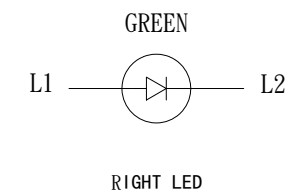
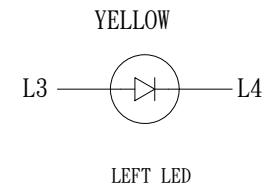


CABLE SIDE

Electrical Specifications @25°C									
Turns Ratio (±2%)		DCL (uH Min.) @100 KHz/0.1V with 8mA DC Bias	Cross talk (dB Min.)				HI-POT 1.0 mA (V)		
TX	RX		05-10 MHz	30 MHz	50 MHz	100 MHz	WITHOUT RESISTOR	WITH RESISTOR	
1CT:1CT	1CT:1CT	350	-50	-40	-35	-30	1500 AC	2250 DC	

Continue							
Insertion Loss (dB Max.)		Return Loss (dB Min.) @ Load 100 OHM					CMR (dB Min.)
1-100 MHz	100-125 MHz (10/100/1000)	1-30 MHz	30-50 MHz	60 MHz	60-80 MHz	80-100 MHz (10/100/1000)	1-100 MHz
-1.0	-1.2	-18	-16	-14	-12	-10	-30

Compliant with IEEE 802.3bt for 1000Bast-T applications
Balanced DC line current: 720mA MAX @57VDC continuous
Surge protection
IEC 61000-4-5(Lightning) 10/700 uS)
Line to Line: 2KV



andard LED	WAVELENGTH	FORWARD V MIN/MAX	FORWARD A	TYPE
GREEN	568nm	1.8-2.5V	20mA	Squareness
YELLOW	585nm	1.8-2.5V	20mA	Squareness



華大電子股份有限公司
WALTA ELECTRONIC CO.,LTD.
TEL:886-2-26577778;FAX:886-2-26575659

A		E2509-001	X 0	-	zhijun	2025/9/16	UNLESS OTHERWISE SPECIFIED TOLERANCE 尺寸公差 X. ±0.50 .X ±0.25 .XX ±0.15 XXX ±0.10 ANG. ±2°00	CHECKED 審核 DESIGNED 設計 zhijun 2025/9/16	UNIT 單位 MM SCALE 比例 1/1 SIZE 尺寸 A4	TITLE 產品名稱 RJ 180度斜口 1000M帶POE帶燈左黃右綠 2/2	PART NO. 產品料號 G01-C097-00002 DOC. NO. 文件編號 CUT-C097-007	REV. 版本 A
REV. 版本	ECN NO. 設變號碼	MARK 記號	REVISIONS 設變內容			SIGN 修改	DATE 日期					
1	2	3	4	5	6	7	8	9	10			