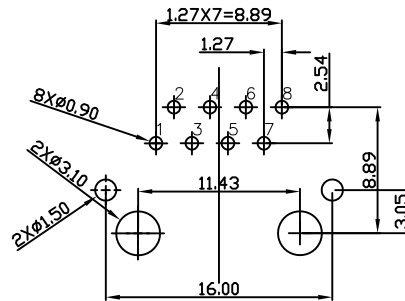
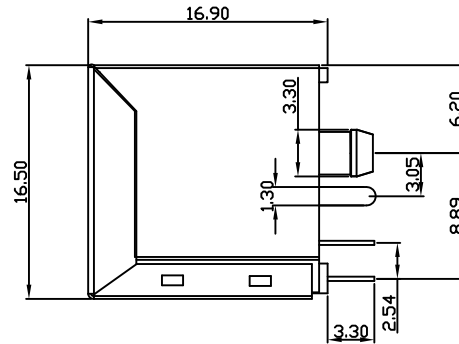
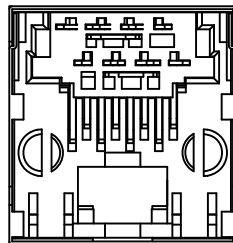
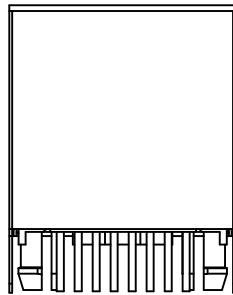
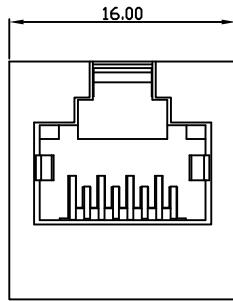


MECHANICAL:



PC BOARD LAYOUT T=1.6mm
COMPONENT SIDE SHOW

SPECIFICATION NOTES:

ELECTRICAL:

- VOLTAGE RATING: 125 VAC RMS
- CURRENT RATING: 1.5 AMP
- CONTACT RESISTANCE: 30mΩ MAX.
- INSULATION RESISTANCE: 1000MΩMIN. AT 500V DC.
- DIELECTRIC STRENGTH: 750 VAC 50Hz 1MINUTE

MECHANICAL:

- HOUSING/INSERT MATERIAL:
THERMOPLASTIC, PBT UL94V-0 COLOR BLACK.
- CONTACT MATERIAL: C5191-H T=0.30MM
- PLATING: GOLD PLATING 1U" OVER NICKEL, PLATED NICKEL 50U". SN 100U".
GOLD PLATED ON CONTACT AREA 6U"
Medium CLIP NICKEL PLATED 50U"
- OPERATING LIFE: 750 CYCLES MIN.
- PCB RETENTION PRE-SOLDER: 1 LB MIN
- PCB RETENTION POST-SOLDER: 10 LBS MIN.

ENVIRONMENTAL:

- STORAGE: -40° C TO +85° C
- OPERATION: -40° C TO +85° C
- WAVE SOLDER TEMPERATURE: 230° C-250° C (5-10 SECONDS)

MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F
RoHS Compliant

CATEGORY 6 CHARACTERISTIC

frequency	Near-End Cross Talk dB MIN	Return loss dB MIN	Attenuation dB MAX
1.0 MHZ	75.0	35.5	0.1
4.0 MHZ	75.0	35.5	0.1
10.0 MHZ	74.0	35.5	0.1
16.0 MHZ	69.9	35.5	0.1
25.0 MHZ	66.0	35.5	0.1
31.25 MHZ	64.1	34.1	0.1
62.5 MHZ	58.1	28.1	0.1
100.0 MHZ	54.0	24.0	0.2
200.0 MHZ	48.0	18.0	0.3
250.0 MHZ	46.0	16.0	0.3



Champyang International Ltd., Co

A0			
REV	RELEASED	Allen	2019-06-25
	DESCRIPTION.	APPD.	Date

FILE NO : ARJ01(Series)	TITLE 圖 名	RJ45 8P8C TOP ENTRY WITH SHIELDED		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	ARJ01-010808-121-S0-C6		SCALE 比例	1:1
	DRAWN BY 製 圖	Ben	DATE 日期	2019-06-25	REV. 版本
	CHECKED BY 審 核	Allen	DATE 日期	2019-06-25	