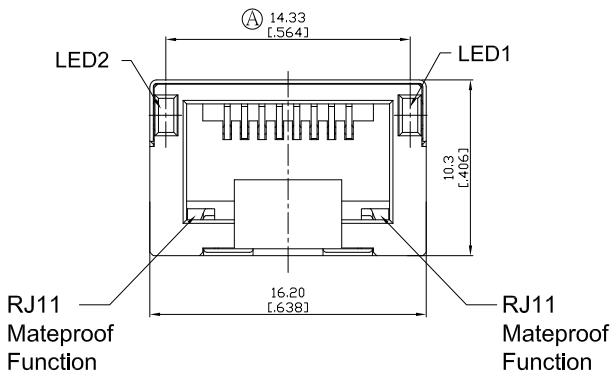
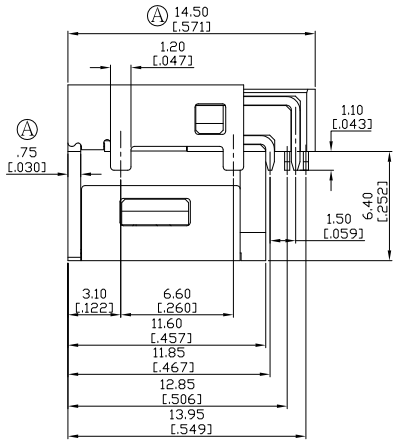
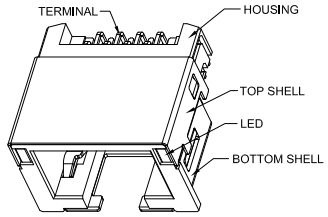






Electrical Characteristics :

Insulation Resistance : 100MΩMin.

Contact Resistance : 50mΩ Max.

Withstand Voltage : 500 VAC 1 minute.

Current Rating : 1.0A

Material:

Housing : Thermoplastic UL94V-0

Contact : Selective Gold Plating

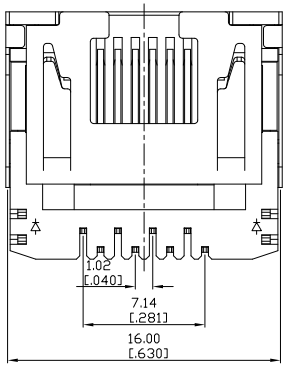
Terminal: 0.30mm Thickness Phosphor Bronze Plated With Gold And Tin In Solder Area.

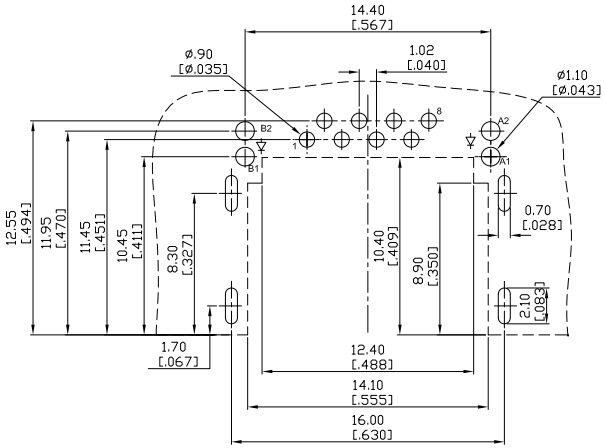
Top Shield : Brass, Nickel Plating.

Bottom Shield: SUS

PART NO : 8 1 8 8 K A 1 - B ∗ 1 ∗

- Positions: 8
- Contacts: 8
- Housing Color: B : Black
- Led Options: 1
- Ports: ∗
- Gold Plated:
  - 0 : Gold Flash
  - 1 : 6u"
  - 2 : 15u"
  - 3 : 30u"
  - 4 : 50u"





RECOMMENDED PCB LAYOUT
TOP VIEW

RECOMMENDED PCB THICKNESS:1.20± 0.05mm

LED Color Options Table

LED Color Options		LED DASH OPTION
LED 2 (Left)	LED 1 (Right)	
No LED	No LED	0
Yellow	Green	1
No LED	Green	2
Yellow	No LED	3
Green	Yellow	4
Green	Green	5
Yellow	Yellow	6
Orange/Green	Orange/Green	7
Yellow/Green	Yellow/Green	8
Orange/Green	Yellow	9

ZONE	REV.	DESCRIPTION	DATE	APPD.
Ⓐ	A.1	增加尺寸標註	2009.12.28	Eric
Ⓑ				
Ⓒ				
Ⓓ				
Ⓔ				

FILE NO : 81 (SERIES)

TOLERANCE(公差) :
0.000 mm ± 0.075 mm
0.00 mm ± 0.15 mm
0.0 mm ± 0.25 mm

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

TITLE 圖 名	RJ45, 8P8C, Shielded, With LED, Offset Type, Thru Hole, RJ11 Mateproof Function			UNIT 單位	mm inch
PART NO. 料 號	8188KA1-B∗1∗			SCALE 比 例	1 : 1
REV. 版 本	A.1	DATE 日 期	2009-06-29		
CHECKED BY 審 核	Aaron	DRAWN BY 製 圖	Eric		