

RECOMMENDED PCB LAYOUT  
TOP VIEW  
THICKNESS=1.60mm

**Electrical Characteristics :**

Insulation Resistance : 500MΩ Min.  
Contact Resistance : 50mΩ Max.  
Withstand Voltage : 1000 VAC 1 minute.  
Current Rating : 1.5A

**Material:**

Housing: Thermoplastic UL 94V-0  
Terminal: 0.35mm Thickness Copper Alloy  
Plated With Gold In Contact Area And  
Tin In Solder Area.

Shield : Alloy, Nickel Plating.

**PART NO : 8 1 8 8 S - B \* 1 \* - D**


Positions ————  
Contacts ————  
Panel Ground ————  
S : 3 Sides With Panel Ground  
Housing Color ————  
B : Black

LED OPTIONS  
Ports  
Gold Plated  
0 : Gold FLash  
1 : 6u"  
2 : 15u"  
3 : 30u"  
4 : 50u"

**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

 **CHAMPWAY** 冠泰電子有限公司  
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ZONE	REV.	DESCRIPTION	DATE	APPD.	FILE NO : 81 (SERIES)	TITLE	RJ45 , Shielded , Receptacle , Horizontal , 2X1 Ports , THT , With LED		UNIT	mm	
(A)					<b>TOLERANCE(公差) :</b> 0.000 mm ± 0.15 mm 0.00 mm ± 0.25 mm 0.0 mm ± 0.35 mm	圖名		單位	inch		
(B)						PART NO.	8188S-B*1*-D		SCALE	1:1	
(C)						REV.	A.0	DATE	2010-11-17		
(D)						CHECKED BY	Aaron		DRAWN BY	Eric	
(E)						審核			製圖		