



**SUGGESTED PCB LAYOUT
TOP VIEW**

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
 Contact : Selective Gold Plating
 Terminal: 0.35mm Thickness Phosphor Bronze
 Plated With Gold And Tin In Solder Area.
 Shielded: Brass ,Nickel Plating
 CUL File No : E215573
PART NO : 8 1 8 8 D S - B * 4 * - 0

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

LED Color Options Table

LED Color Options		
LED 2 (Left)	LED 1 (Right)	LED DASH OPTION
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
No LED	Green/Yellow	Z
Green	Orange	A
Orange	Green	B
Green	Red	C
Red	Green	D
Red	Yellow	E
Orange	Orange/Green	F
Orange	Green/Orange	G
Green	No LED	H
Green/Orange	Yellow	K
Green/Yellow	Green/Yellow	P
Green/Red	Yellow/Green	S

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

ZONE	REV.	DESCRIPTION	DATE	APPD.	FILE NO : 81 (SERIES)	TITLE	SHIELDED RJ45 WITH LED PCB JACK	UNIT	mm
(A)	A.1	Withstand Voltage 500修改為1000VAC	2008-08-01	Nick	TOLERANCE (公差) : 0.000 mm ± 0.075mm 0.00 mm ± 0.15mm 0.0 mm ± 0.25mm	圖名		單位	mm
(B)						PART NO.	8188DS-B * 4 * -0	SCALE	1 : 1
(C)						REV.	A.1	DATE	2007-03-22
(D)						CHECKED BY	Michael	DRAWN BY	Valiant
(E)						審核		製圖	