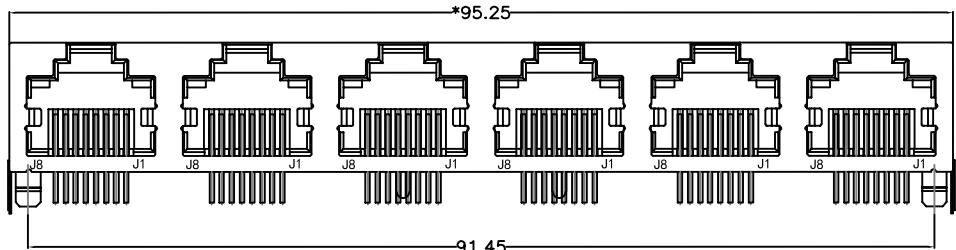
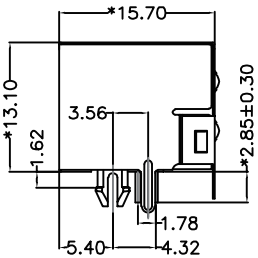


REACH & RoHS  
COMPLIANT

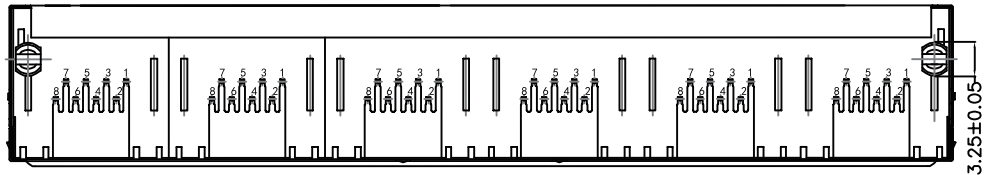
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	Sunny.Xu	2018.06.01
A1	Splice type changed to splice+ one - body assembly product	Sunny.Xu	2023.03.07



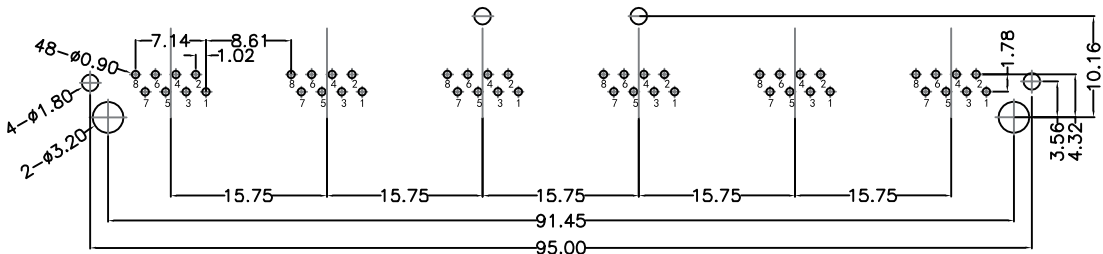
FRONT VIEW



RIGHT SIDE VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT  
VIEWED FROM COMPONENT SIDE

**MATERIAL:**

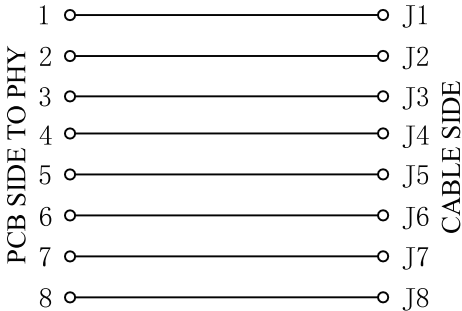
HOUSING: PBT,UL94V-0,BLACK.  
TERMINAL: PHOSPHOR BRONZE Ø=0.46MM,  
G/FU" GOLD PLATING ON CONTACT AREA.  
SHIELD: C2680,T=0.20MM,20 MIN NICKEL PLATING  
ON ALL AREA.

**MACHANICAL:**

DURABILITY: 750 CYCLES MIN,12.5MM/MINUTE.  
INSERTION FORCE: 2.2KG.F MAX.  
RETENTION STRENGTH : 7.7KG.F BETWEEN JACK AND PLUG.  
OPERATING TEMPERATURE: -40℃~+85℃.  
STORAGE TEMPERATURE: -40℃~+85℃.  
ALL CRITICAL DIMENSIONS WITH "\*\*"

**ELECTRICAL:**

VOLTAGE: 125 VOLTS AC.  
CURRENT RATING : 1.5AMP.  
DIELECTRIC STRENGTH: 1000 VAC RMS 50HZ OR 60HZ,1MIN.  
INSULATION RESISTANCE: 500 MEGA OHMS MIN. INITIAL  
AFTER 500V DC FOR 1 MINUTE.  
CONTACT RESISTANCE: SINGLE TERMINAL 30 MILLIOHMS MAX.  
INITIAL 50 MILLIOHMS MAX. AFTER  
DURABILITY TEST.



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TITLE:  
56带屏蔽无灯 1X6 8P8C

PART NO.:  
SYT561688GWA1D9Y1022

REMARK:

SIZE  
A4

SACLE  
1:1

SHEET  
1/2

UNITS  
MM[INCH]

REV  
A0



GENERAL TOLERANCES  
UNLESS SPECIFIED

$x \pm 0.35$   
 $.x \pm 0.30$   
 $.xx \pm 0.25$   
 $.xxx \pm 0.10$

$x^\circ \pm 3.0^\circ$   
 $.x^\circ \pm 2.0^\circ$   
 $.xx^\circ \pm 1.5^\circ$   
 $.xxx^\circ \pm 1.0^\circ$

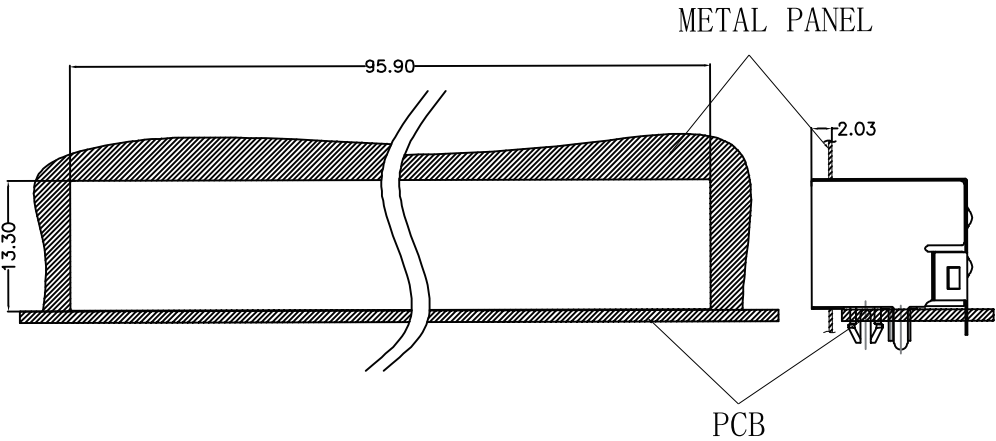
APPROVED BY:  
Geoffrey.Song

CHECKED BY:  
Elvis.Song

DESIGND BY:  
Sunny.Xu

REACH & RoHS  
COMPLIANT

Suggested Panel Opening:



UNIT: mm / inch  
Tolerances:  $\pm 0.10$  / 0.004

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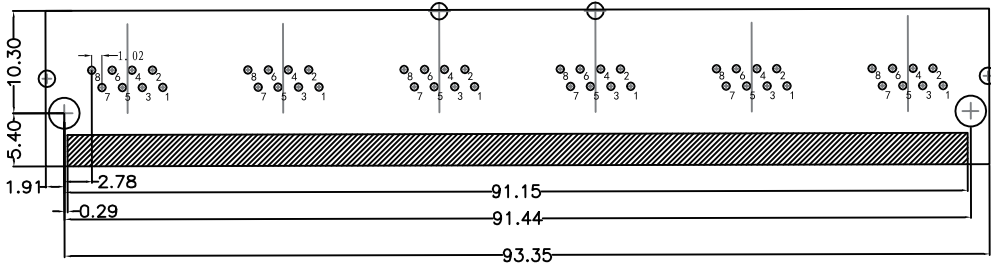
TITLE:  
56带屏蔽无灯 1X6 8P8C  
PART NO.:  
SYT561688GWA1D9Y1022

REMARK:

SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: Geoffrey.Song
SACLE 1:1	REV A0	$x \pm 0.35$	$x^\circ \pm 3.0^\circ$	CHECKED BY: Elvis.Song
		$.x \pm 0.30$	$.x^\circ \pm 2.0^\circ$	
SHEET 2/2		$.xx \pm 0.25$	$.xx^\circ \pm 1.5^\circ$	DESIGND BY: Sunny.Xu
		$.xxx \pm 0.10$	$.xxx^\circ \pm 1.0^\circ$	

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	Sunny.Xu	2018.06.01
A1	Splice type changed to splice+ one - body assembly product	Sunny.Xu	2023.03.07

Keep-Out Area (Component Side View):



Plug In Side

UNIT: mm / inch  
Tolerances:  $\pm 0.10$  / 0.004