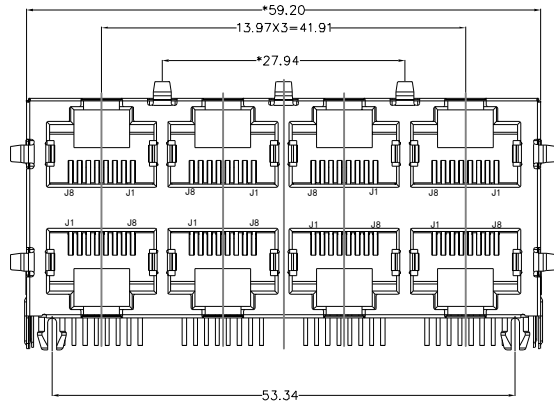
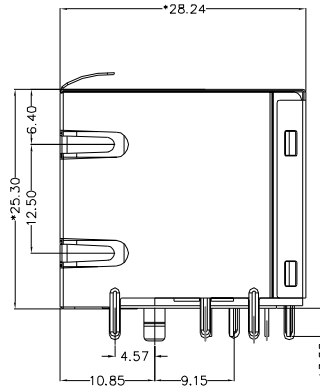


REACH & RoHS
COMPLIANT

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	GQ.Chen	2018.08.03



FRONT VIEW



RIGHT SIDE VIEW

MATERIAL:

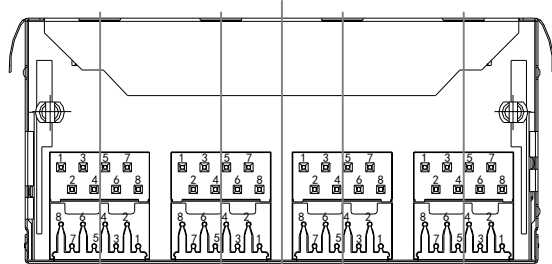
HOUSING: PBT,UL94V-0, BLACK.
 TERMINAL: PHOSPHOR BRONZE $\varnothing=0.46\text{MM}$, G/FU" GOLD PLATING.
 SHIELD: C2680,T=0.20MM, 20 MIN NICKEL PLATING ON ALL AREA.

MACHANICAL:

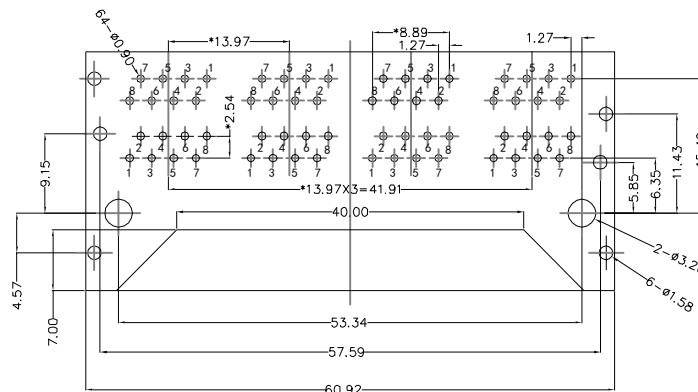
DURABILITY: 750 CYCLES MIN,12.5MM/MINUTE.
 INSERTION FORCE : 2.2KG.F MAX.
 RETENTION STRENGTH : 7.7KG.F BETWEEN JACK AND PLUG .
 OPERATING TEMPERATURE: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$.
 STORAGE TEMPERATURE: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$.
 ALL CRITICAL DIMENSIONS WITH "*"

ELECTRICAL:

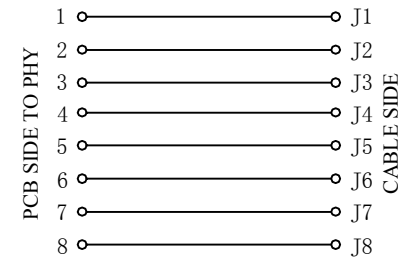
VOLTAGE: 125 VOLTS AC.
 CURRENT RATING : 1.5AMP .
 DIELECTRIC STRENGTH : 1000 VAC RMS 50HZ OR 60HZ,1 MIN.
 INSULATION RESISTANCE: 500 MEGA OHMS MIN. INITIAL
 AFTER 500V DC FOR 1 MINUTE.
 CONTACT RESISTANCE: SINGLE TERMINAL 30 MILLIOHMS MAX.
 INITIAL 50 MILLIOHMS MAX. AFTER
 DURABILITY TEST.



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE



CELION SAS

TITLE: RJ45 5921 2*4	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: JP.Gong
	PART NO.: 59212488HWA1DY 1C019短体	SACLE 1:1	REV A1	$x\pm 0.35$ $x^{\circ}\pm 3.0^{\circ}$	CHECKED BY: TW.Xu
	REMARK:	SHEET 1/1		$.xx\pm 0.25$ $.xxx\pm 0.10$	$.xx^{\circ}\pm 1.5^{\circ}$ $.xxx^{\circ}\pm 1.0^{\circ}$