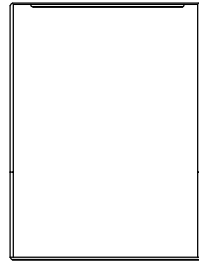
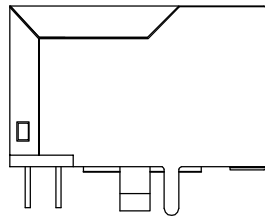


REACH & RoHS
COMPLIANT

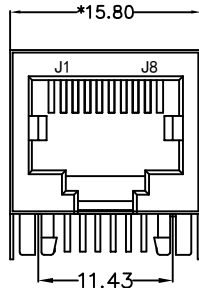
REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	MQ.Qu	2018.05.11



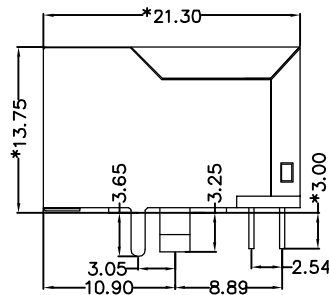
TOP VIEW



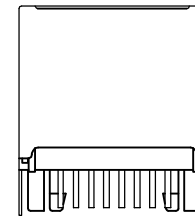
LEFT SIDE VIEW



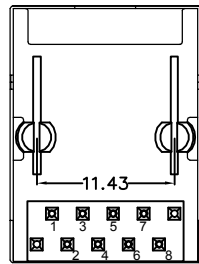
FRONT VIEW



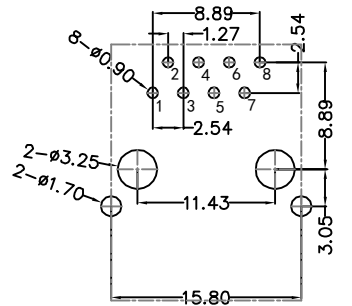
RIGHT SIDE VIEW



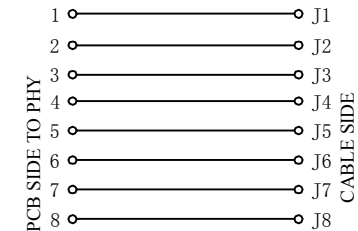
BACK VIEW



BOTTOM VIEW



RECOMMENDED PCB LAYOUT
VIEWED FROM COMPONENT SIDE



MATERIAL:

HOUSING: PA46,UL94V-0, BLACK.
TERMINAL: PHOSPHOR BRONZE $\phi=0.46\text{MM}$ /FU" GOLD PLATING.
SHIELD: C2680,T=0.20MM,20 ~50U" 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.

MINTRON

TITLE: RJ45 5921 1*1	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: JP.Gong
	PART NO.: MT59211118GWA3D1Y1027	SACLE 1:1	REV A0	$x\pm 0.35$ $x^{\circ}\pm 3.0^{\circ}$	CHECKED BY: TW.Xu
	REMARK:	SHEET 1/1		$.xx\pm 0.25$ $.xx^{\circ}\pm 1.5^{\circ}$	DESIGND BY: MQ.Qu
				$.xxx\pm 0.10$ $.xxx^{\circ}\pm 1.0^{\circ}$	