

REACH & RoHS  
COMPLIANT

REV.	ECN / DESCRIPTION	BY	DATE
A0	NEW	MQ.QU	2017.12.05

**MATERIAL:**

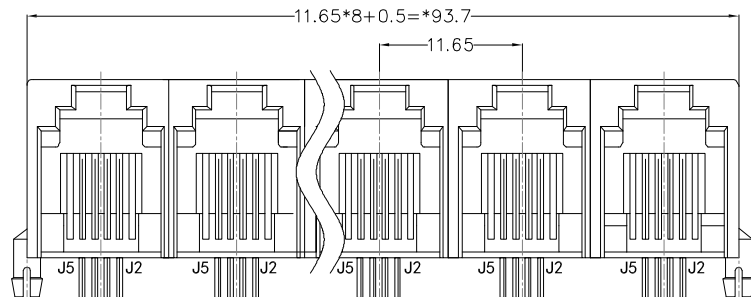
HOUSING: PBT,UL94V-0,GRAY.  
TERMINAL: PHOSPHOR BRONZE  $\varnothing=0.46\text{MM}$  , 0.6U" GOLD PLATING.

**MACHANICAL:**

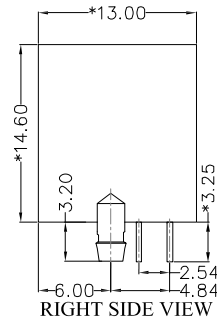
DURABILITY: 750 CYCLES MIN,12.5MM/MINUTE.  
INSERTION FORCE: 2.2KG.F MAX.  
RETENTION STRENGTH : 7.7KG.F BETWEEN JACK AND PLUG.  
OPERATING TEMPERATURE:  $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$ .  
STORAGE TEMPERATURE:  $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$ .  
ALL CRITICAL DIMENSIONS WITH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

**ELECTRICAL:**

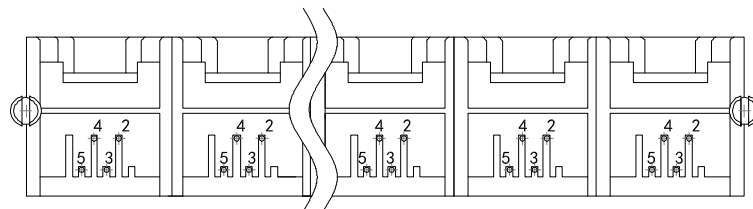
VOLTAGE: 125 VOLTS AC.  
CURRENT RATING : 1.5AMP.  
DIELECTRIC STRENGTH : 1000 VAC RMS 50HZ OR 60HZ,1 MIN.  
INSULATION RESISTANCE: 500 MEGA OHMS MIN. INITIAL  
AFTER 500V DC FOR 1 MINUTE.  
CONTACT RESISTANCE: SINGLE TERMINAL 30 MILLIOHMS MAX.  
INITIAL 50 MILLIOHMS MAX. AFTER  
DURABILITY TEST.



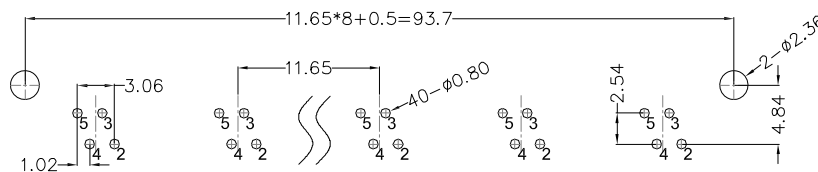
FRONT VIEW



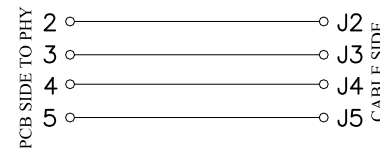
RIGHT SIDE VIEW



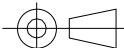
BOTTOM VIEW



RECOMMENDED PCB LAYOUT  
VIEWED FROM COMPONENT SIDE



 东莞市涪程电子科技有限公司  
DONG GUAN FU CHENG ELECTRONIC TECHNOLOGY Co., LTD

TITLE: RJ11 6P4C 1*8	SIZE A4	UNITS MM[INCH]	GENERAL TOLERANCES UNLESS SPECIFIED		APPROVED BY: JP.Gong
PART NO.: FCRJ45-55211864IWE1DY1017	SACLE 1:1	REV A0	$x\pm 0.35$	$x^{\circ}\pm 3.0^{\circ}$	CHECKED BY: TW.Xu
REMARK:	SHEET 1/1		$.x\pm 0.30$	$.x^{\circ}\pm 2.0^{\circ}$	DESIGND BY: MQ.Qu
			$.xx\pm 0.25$	$.xx^{\circ}\pm 1.5^{\circ}$	
			$.xxx\pm 0.10$	$.xxx^{\circ}\pm 1.0^{\circ}$	