

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	JLZ 03/24/16'	~	

**Description:**

SMT RJ45 Modular Jack, 8P8C, Side Entry, Unshielded

**Material:**

Housing Material: Glass Filled Polyester Nylon UL94V-0  
 Contact Material: Phosphor Bronze T-0.35mm Thickness  
 Plating: Selective Gold Plating on Contact Area  
 Gold Plating Thickness:(Au 1u", 3u", 6u", 15u", 30u", 50u")  
 100u" Min. Matte Tin Plated on Soldering Area  
 50u" Min. Nickel Plated Overall  
 Shell: Copper Alloy, 0.25mm Thickness

**Electrical:**

Voltage Rating: 125 V AC RMS  
 Current Rating: 1.5 Amp  
 Contact Resistance: 30mΩ Max.  
 Insulation Resistance: 500MΩ Min. @ 500 VDC  
 Dielectric Withstanding Resistance: 1000 VAC RMS 50Hz, 1 Min.

**Mechanical:**

Durability : 750 Cycles Min.  
 PCB Retention Pre-Solder: 1 LBS Min.

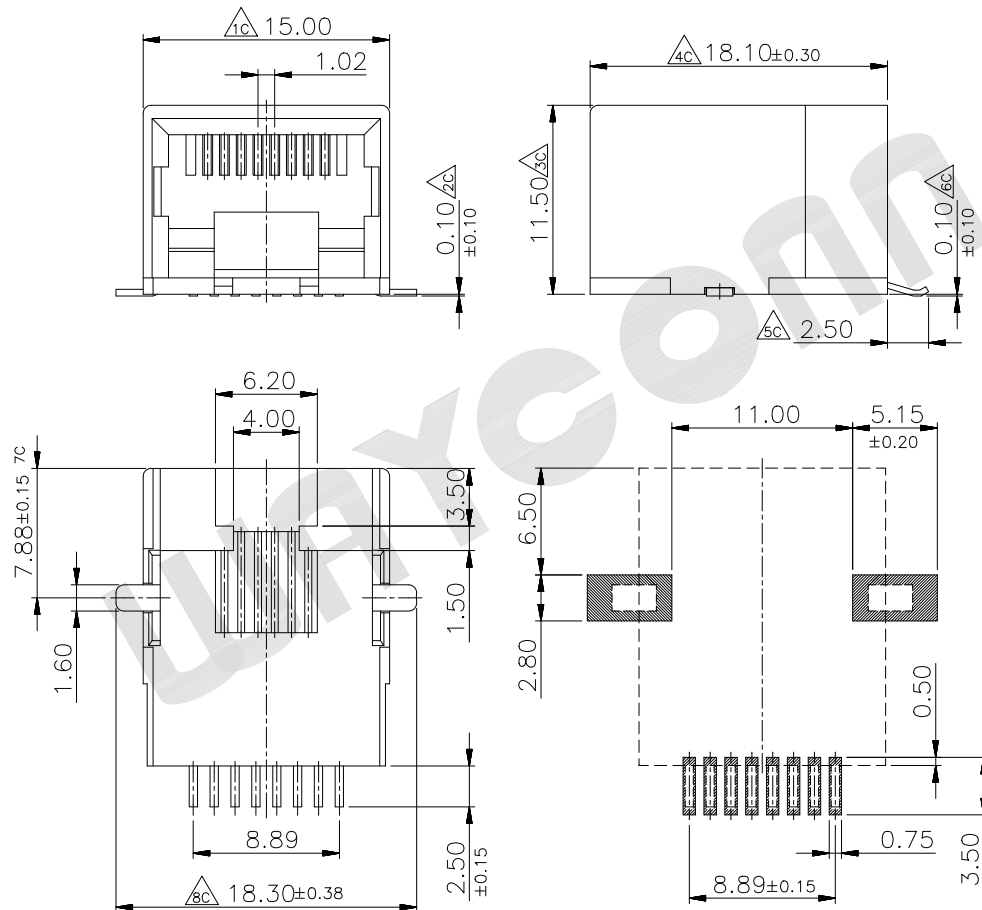
**Environmental:**

Storage Temperature : -40°C to +85°C  
 Operation Temperature: -40°C to +85°C

Mates with Modular Plug Conforming to FCC PART 68, SUB PART F

MJ6012 - X X X X X X

No. of Positions	Panel Stop	Insulator Material	Housing Color	Contact Plating
4,6,8	0 - Without 1 - With	1 - PBT 2 - PA66 3 - PA46 4 - LCP 5 - PA9T	1 - Black 2 - Grey 3 - Others	1 - 1μ" 2 - 3μ" 3 - 6μ" 4 - 15μ" 5 - 30μ" 6 - 50μ"



GENERAL TOLERANCE		ANGLE TOLERANCE		PROJECTION	TITLE
X.	±0.60	X.	±5°	mm	SMT RJ45 Modular Jack, 8P8C, Side Entry, Unshielded
.X	±0.38	.X	±3°		
.XX	±0.25	.XX	±2°		
DRAWING TYPE		CUSTOMER		<b>WAYCONN CO.,LTD</b>	
SCALE		SHEET			
DRAWING NO.		SHEET			