

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

**Description:**

Shielded RJ45 SMT Connector, 8P8C, Right Angle

**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

MJ6012S - X X X X X X

No. of Positions	4,6,8	Positions Loaded	2,4,6,8	Locating Peg	0 - Without 1 - With	Insulator Material	1 - PBT 2 - PA66 3 - PA46 4 - LCP 5 - PA9T	Housing Color	1 - Black 2 - Grey 3 - Others	Contact Plating	1 - 1μ" 2 - 3μ" 3 - 6μ" 4 - 15μ" 5 - 30μ" 6 - 50μ"
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PCB LAYOUT/TOP VIEW

GENERAL TOLERANCE	ANGLE TOLERANCE	PROJECTION		TITLE	Shielded RJ45 SMT Connector, 8P8C, Right Angle
X. ±0.60	X. ±5°	UNITS	mm	SHEET SIZE	A4
.X ±0.38	.X ±3°			SERIES	SMT SERIES
.XX ±0.25	.XX ±2°				
DRAWING TYPE	CUSTOMER				
SCALE	1:1	SHEET	1 OF 1		
DRAWING NO.	MJ6012S-XXXXXX				

WAYCONN CO.,LTD

