



**Material:**  
 Housing: PBT+Glass Filled Polyester  
 Flammability Rating : UL 94V-0  
 Contacts: Phosphor Bronze  $\phi 0.46\text{mm}$   
 Plating: Gold Plating  
 Shield: Brass, Tin Plating

**Electrical:**  
 Voltage Rating: 125VAC  
 Current Rating: 1.5A  
 Contact Resistance: 30m $\Omega$  Max.  
 Insulation Resistance: 500M $\Omega$  Min.  
 Dielectric Strength: 1000VAC Rms  
 50Hz, 1 Min.  
 Durability: 600 cycles Min.  
 Operation Temperature: -40°C ~ +70°C

**Order Information**

L-KLS12-158-8P8C-W-1x8-1-XX

RoHS  
 Contacts: 8P8C  
 Shield: W-with Shield  
 Shield Peg Code:  
 1-Front 3.05mm  
 Plating Code:  
 01-Fu" Gold Plating  
 02-3u" Gold Plating  
 03-6u" Gold Plating  
 04-15u" Gold Plating  
 05-30u" Gold Plating

PCB Layout

GENERAL TOLERANCE	PROJECTION		Description:	1x8 RJ45-8P8C
X. $\pm 0.50$	UNITS	mm	Modular jack with SHELL, Front 3.05mm	
.X $\pm 0.25$	SCALE	1:1		
.XX $\pm 0.10$	Draw by:	Jenny	KLS P/N: L-KLS12-158-8P8C-W-1x8-1-XX	
ANGLE TOLERANCE	Check by:	Daniel		
X. $\pm 5^\circ$	Date	2019-12-26	NingBo KLS ELECTRONIC CO.,LTD.	
.X $\pm 3^\circ$	SHEET	1 OF 1		
.XX $\pm 2^\circ$				