

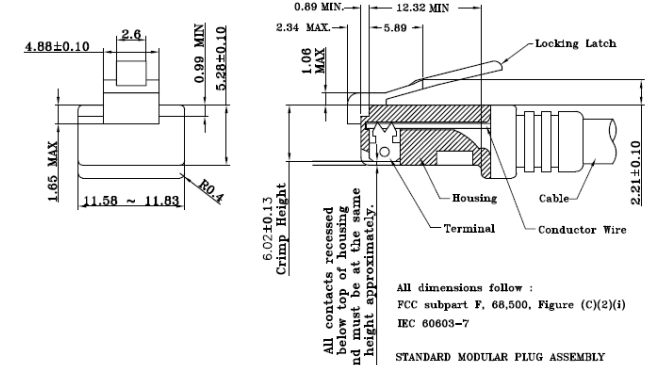
**DESCRIPTION:**  
 RJ45 With internal Magnetics Connector  
 Designed to support such applications as: Ethernet Equipment Complex, Switches, Routers, Firewalls, Servers and Hub  
 Internal magnetics are 100% electrically tested for functionality per IEEE802.3af/at requirement

**ELECTRICAL:**  
 RoHS peak wave solder temperature rating 235°C  
 High performance for maximum EMI suppression  
 JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.  
 INSERTION FORCE: 2 CONTACTS----350g 4 CONTACTS----500g  
 6 CONTACTS----750g 8 CONTACTS----900g  
 10 CONTACTS----1050g



**MECHANICAL:**  
 RETENTION STRENGTH: 7.7Kgs BETWEEN JACK AND PLUG  
 DURABILITY: 750 MATING CYCLES Mini  
 HOUSING: 1) GLASS FILLED PA66 (UL 94V-0)  
 2) GLASS FILLED PA46/LCP (UL 94V-0)  
 3) GLASS FILLED PBT (UL 94V-0)

**MATERIAL:**  
 SPRING WIRE:  
 1) 0.2-0.45mm DIA PHOSPHOR BRONZE GOLD PLATING OVER NICKEL  
 2) 0.2-0.35mm THICKNESS PHOSPHOR BRONZE ALLOY SELECTIVE GOLD PLATING OVER NICKEL;  
 GOLD PLATING: 3μ, 6μ, 15μ, 30μ, 50μ  
 TOLERANCES UNLESS OTHERWISE SPECIFIED :  
 0-10±0.15, 10-20±0.2, 20-40±0.25, 40-70±0.3, ≥70±0.4

1.Recommend Plug Dim



**NOTES :** 1. Tolerance : PCB ±0.05mm  
 Connector ±0.25mm  
 2. Connector dimensions comply with FCC 68.5 dimension requirements

TOLERANCE			
SCALE	UNIT		
DRAW	DATE	SM C04 0072 88 H,2x4port 8P8C Transf.LED	
CHECK	REV	DESCRIPTION	
		Connector RJ45, 2x4port, 8P8C, THT with Transformer 10/100/100Base-T, LED	

