

**MATERIAL**

SHIELDED CASE : COPPER C2680, T=0.25MM, 30U" NICKEL PLATED  
 BRACKET : SUS304  
 COUPLER HOUSING : ABS HIGH-IMPACT UL94V-0 THERMOPLASTIC  
 CONTACT HOLDER : ABS HIGH-IMPACT UL94V-0 THERMOPLASTIC  
 SPRING WIRE : PHOSPHOR BRONZE S100W TEMPER WIRE, φ=0.45MM, 50U" GOLD OVER 100U" NICKEL UNDERCOAT

**PHYSICAL CHARACTERISTICS**

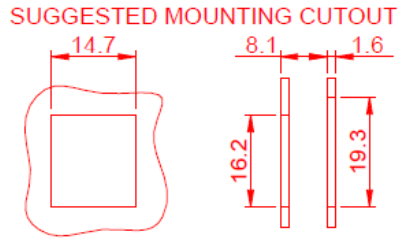
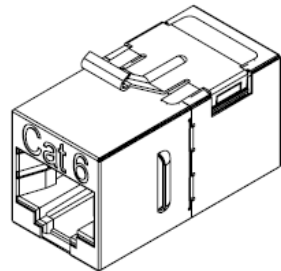
INSERTION LIFE : 750 MATING CYCLES WITH FCC COMPLIANT RJ-45 PLUG.  
 CONTACT FORCE : 100 GRAMS WITH FCC COMPLIANT RJ-45 PLUG.  
 PLUG RETENTION FORCE : 11 LBF MIN.  
 OPERATING TEMPERATURE RANGE : -10°C TO 50°C.  
 STORAGE TEMPERATURE RANGE : -40°C TO 68°C.  
 HUMIDITY : 10%-90%RH.

**ELECTRICAL**

INSULATION RESISTANCE : 500 MΩ.  
 DIELECTRIC WITHSTANDING VOLTAGE : 1000 V AC.  
 DC CURRENT RATING : 1.5 Amps.  
 DC RESISTANCE : 0.1Ω.  
 CONTACT RESISTANCE : 20mΩ.

**NOTE**

A : WILL NOT SUPPORT CHANNEL SHORTER THAN 15M.  
 B : DO NOT INSERT RJ-11 6P PLUG.



ACCORDING TO ANSI/TIA-568-C.2  
 REQUIREMENTS  
 C6 CHANNEL COMPLIANT



Cat 6  
 56Y4  
 E145249

Scale	2:1	All Copy Rights Reserved	
3rd Angle Projection			
Unit	mm	Title	
Date	2010/9/2	O2100LQ-8S-C6-XX	
Tolerance		Drawn by	Checked by
~20	~50	Kata Lo	
±0.2	±0.4		
~150	150~		
±0.5	±1.5		
ANGLE	±2°		