



SUGGEST PANEL CUTOUT

MATERIAL

SHIELDED CASE : Copper C2680, t=0.25mm, 30u" Nickel plated
 BRACKET : SUS304
 COUPLER HOUSING : ABS high-impact UL94V-0 thermoplastic
 SPRING WIRE : Phosphor Bronze 5100W temper wire, $\phi=0.45\text{mm}$
 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 60°C
 STORAGE TEMPERATURE RANGE : -40°C TO 68°C
 HUMIDITY : 10%~90%RH

ELECTRICAL

INSULATION RESISTANCE : 500 M Ω
 DIELECTRIC WITHSTANDING VOLTAGE : 1000 V
 DC CURRENT RATING : 1.5 Amps
 DC RESISTANCE : 0.1 Ω
 CONTACT RESISTANCE : 20m Ω

Cat 6a

56Y4
 E145249



COMMUNICATION
 CIRCUIT ACCESSORY

VPI Part #: RJ45-6A-FF-SNP-SHLD



Scale	2:1			
3rd Angle Projection				
Unit	mm			
Date	01/06/2009			
Tolerance				
~20	~50	~150	150~	ANGLE
±0.2	±0.4	±0.5	±1.5	±2°

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