

RJ45 connector

Mechanical:

REV. ECN NO. DESCRIPTION DATE APPD

A	REL		03/03/2009	
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NOTES:

ELECTRICAL:

- VOLTAGE RATING: 125V AC.
- CURRENT RATING: 1.5A.
- CONTACT RESISTANCE: 30 mΩ MAX.
- INSULATION RESISTANCE: 500 MΩ MIN @ 500V DC.
- DIELECTRIC STRENGTH: 1000V AC 50Hz or 60Hz, 1MIN.

MECHANICAL:

- INSERT MATERIAL: PBT UL94V-0.
- CONTACT MATERIAL: ∅0.46mm C51000(QSn4-0.3) PHOSPHOR BRONZE GOLD PLATING OVER NICKEL. CONTACT GOLD FLASH
- SHIELD: 0.20mm THICKNESS H65Y BRASS NICKEL PLATED.
- MATING/UNMATING FORCE: 2.2KG.F MAX.
- RETENTION STRENGTH: 3.0KG.F MIN BETWEEN JACK AND PLUG.
- OPERATING LIFE: 750 CYCLES MIN.

ENVIRONMENTAL:

- STORAGE: -40°C ~ +85°C RELATIVE HUMIDITY<70%.
- OPERATION: -40°C ~ +85°C.
- Wave solder tip temperature and time: 250°C, 5 Sec.

PC Board Layout

AKPJE106-XAGNL

Gold Plating	"X"
Gold Flash	0 <input checked="" type="checkbox"/>
1.5u"	1 <input type="checkbox"/>
3u"	2 <input type="checkbox"/>
6u"	3 <input type="checkbox"/>
15u"	4 <input type="checkbox"/>
30u"	5 <input type="checkbox"/>
50u"	6 <input type="checkbox"/>

Emitting Color	λp(nm)	V _F @I _F =20mA	IR @VR=5V
GREEN	565	1.8~2.6V	10 μA max
YELLOW	585	1.8~2.6V	10 μA max

RoHS 2011/65/EU

X:X	±0.25	APPD:	
X:XX	±0.20	CHKD:	
X:XXX	±0.05	DR:	
TITILE: DOUBLE DECK GANG PCB JACK			
ANGLES	±1°	UNIT: mm	PART NO.: AKPJE106-0AGNL
	SCALE: 2/1	SHEET: 1/1	REV: A DWG NO.: AKP09030218

RECOMMENDED PANEL CUTOUT

DETAIL OPENING BELOW TOP OF PCB