

## RJ45 connector

Mechanical:

REV. A    ECN NO. REL    DESCRIPTION    DATE 03/03/2009    APPD

NOTES:  
 ELECTRICAL:  
 1. VOLTAGE RATING: 125V AC.  
 2. CURRENT RATING: 1.5A.  
 3. CONTACT RESISTANCE: 30 mΩ MAX.  
 4. INSULATION RESISTANCE: 500 MΩ MIN @ 500V DC.  
 5. DIELECTRIC STRENGTH: 1000V AC 50Hz or 60Hz, 1MIN.  
 MECHANICAL:  
 1. INSERT MATERIAL: PBT UL94V-0.  
 2. CONTACT MATERIAL: ∅0.46mm C51000 (QSn4-0.3) PHOSPHOR BRONZE GOLD PLATING OVER NICKEL. CONTACT GOLD FLASH  
 3. SHIELD: 0.20mm THICKNESS H65Y BRASS NICKEL PLATED.  
 4. MATING/UNMATING FORCE: 2.2KG. F MAX.  
 5. RETENTION STRENGTH: 3.0KG. F MIN BETWEEN JACK AND PLUG.  
 6. OPERATING LIFE: 750 CYCLES MIN.  
 ENVIRONMENTAL:  
 1. STORAGE: -40°C ~ +85°C RELATIVE HUMIDITY<70%.  
 2. OPERATION: -40°C ~ +85°C.  
 3. Wave solder tip temperature and time: 250°C, 5 Sec.

AKPJE106-XA33NL

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)	Vf@If=20mA	IR @VR=5V
GREEN	565	1.8~2.6V	10 μA max
YELLOW	585	1.8~2.6V	10 μA max

X:X	±0.25	APPD:	
X:XX	±0.20	CHKD:	
X:XXX	±0.05	DR:	
ANGLES	±1°	UNIT: mm	TITLE: DOUBLE DECK GANG PCB JACK
PART NO.: AKPJE106-0A33NL			
SCALE: 2/1		SHEET: 1/1	REV: A
DWC NO.: AKP09030220			

RoHS 2011/65/EU

RECOMMENDED PANEL CUTOUT: 18.10±0.15, 1.00, 0.38, 0.50, 3.02, 1.00. NEED OPENING BELOW TOP OF PCB.