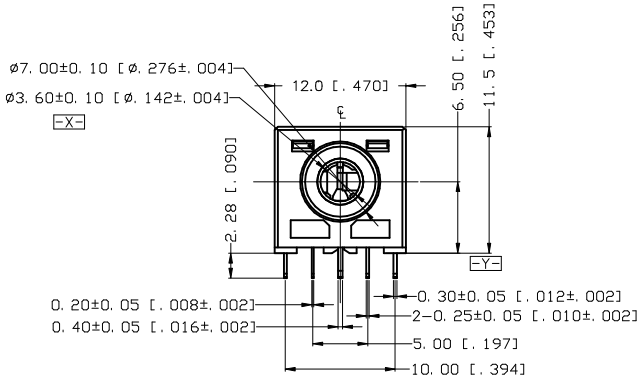
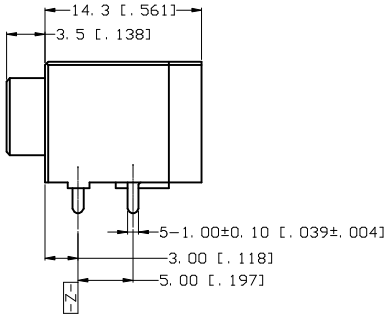
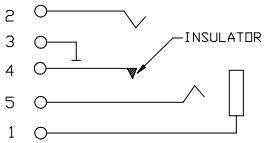
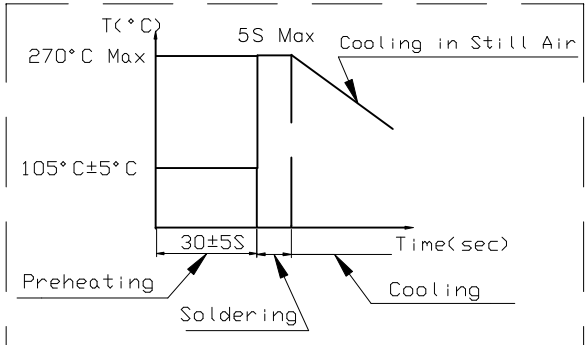
REV.	ECN. NO.	APPD.
A	BC-13-0085041	Adward Zheng



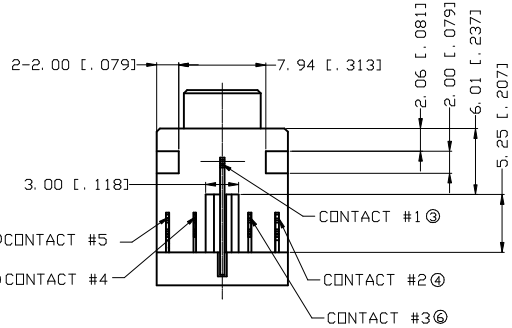


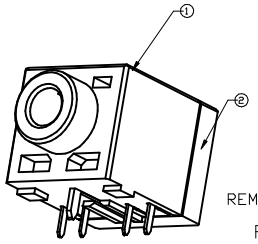


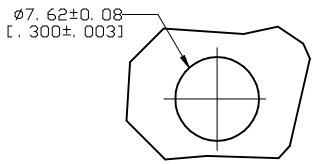
CIRCUIT SCHEMATIC



WAVE SOLDERING THERMAL PROFILE





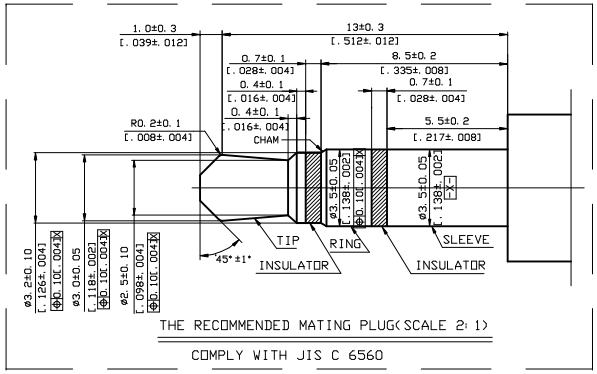


RECOMMENDED PANEL CUTOUT

REMARK1:

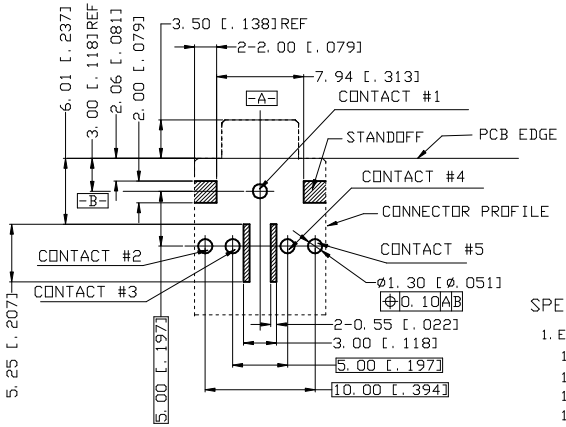
PART NO.: JA 1 3 3 3 *-N 1 * 2-4 H

- Audio Jack
- Body Type: 1=Single JACK
- Sleeve Type: 3= All plastic cylindrical
- Plug Type: 3=3 bands
- Plug Diameter: 3=3.5mm
- Contact Area Gold Plating: 1 = Gold flash; 3 = 30u" Au; L = 25u"Pd/Ni+Gold Flash
- Extension Code
- Lead Free Code: 4H = Lead Free And Halogen Free



THE RECOMMENDED MATING PLUG(SCALE 2:1)

COMPLY WITH JIS C 6560



RECOMMENDED PCB LAYOUT(COMPONENT SIDE VIEW)

DEFAULT TOLERENCE ±0.05[±.002]

RECOMMENDED PCB'S THICKNESS : 1.57±0.05[.062±.002]

TABLE 1

P/N	COLOR
JA1333*-N142-4H	LIME
JA1333*-N132-4H	LIGHT BLUE
JA1333*-N112-4H	PINK
JA1333*-N102-4H	BLACK

SPECIFICATION:

1. ELECTRICAL CHARACTERISTICS:
   - 1-1. CURRENT RATING: 1 AMPERE PER CONTACT.
   - 1-2. DIELECTRIC WITHSTANDING VOLTAGE: 500VAC.
   - 1-3. INSULATION RESISTANCE: 100MEGOHMS MIN.
   - 1-4. CONTACT RESISTANCE: 50 MILLIOHMS MAX(INITIAL). 100 MILLIOHMS MAX.(AFTER LIFE TEST)
2. MECHANICAL CHARACTERISTICS:
   - 2-1. MATING AND UNMATING FORCE: 0.4~3.0Kgf (INITIAL) 0.3~3.0Kgf (AFTER LIFE TEST).
   - 2-2. DURABILITY: 1500 CYCLES.
3. ENVIRONMENTAL CHARACTERISTICS:
   - 3-1. STORAGE TEMPERATURE : -40°C TO +85°C
     OPERATION TEMPERATURE : -20°C TO +70°C
   - 3-2. RoHS AND HALOGEN FREE COMPLIANT.

ITEM	DESCRIPTION	Q'TY	MATERIAL	FINISH	REMARK
⑦	CONTACT #4	1	COPPER ALLOY (INSERT MOLDING PART THERMOPLASTIC UL 94V-0 BLACK)	NICKEL UNDERPLATING GOLD FLASH AT CONTACT AREA GOLD FLASH AT TAIL	
⑥	CONTACT #3	1	COPPER ALLOY		
⑤	CONTACT #5	1	COPPER ALLOY	NICKEL UNDERPLATING GOLD FLASH PLATING AT CONTACT AREA FOR JA13331-N1*2-4H 25u" Pd/Ni+GOLD FLASH AT CONTACT AREA FOR JA1333L-N1*2-4H 30u" Au AT CONTACT AREA FOR JA13333-N1*2-4H GOLD FLASH AT TAIL	
④	CONTACT #2	1			
③	CONTACT #1	1			
②	SPACER	1	THERMOPLASTIC UL 94V-0	SEE TABLE1	
①	HOUSING	1		SEE TABLE1	

X. ±	X°. ±
.X ± 0.3[.012]	.X° ±
.XX ± 0.25[.010]	.XX° ±
.XXX±	.XXX°±

UNITS mm[inch]

MAT'L N/A

FINISH N/A

Q'TY N/A

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NAME(INTENDED USE): CUSTOMER

PART NO.(INTENDED USE): JA1333*-N1*2-4H

APPD: Dean Zhang 12/03'13

CHKD: Radar Sun 12/03'13

DR: Clay Shao 12/03'13

FOXCONN®

FOXCONN INTERCONNECT TECHNOLOGY LIMITED.

TITLE: ø3.50 SINGLE HD AUDIO JACK

DWG NO.: 305-0000-5189

SCALE	SHEET	REV.
N/A	1/1	A