

- PART No. 54601-X08 XXX LF
- 6 - 0.76 μ Au SELECTIVE MIN.
 - 7 - Au FLASH SELECTIVE MIN.
 - 8 - 1.27 μ Au SELECTIVE MIN.
 - 9 - 0.38 μ Au SELECTIVE MIN.

- CONTACTS LOADED
- 003 - CTS. LOADED IN ALL POS.
 - 004 - CTS. LOADED IN 4&5 POS.
 - 005 - CTS. LOADED IN 3&6 POS.
 - 006 - CTS. LOADED IN 2,3,4,5,6&7 POS.

LEAD FREE

CONTACTS LOADED

- NOTES:
1. CONTACT WIRE SHOULD NOT TO BE EXPOSED IN THE WELD AREA AND WELD FLASH NOT TO EXCEED 0.30 ABOVE [A]. AND WELD STRENGTH TO BE CHECKED FOR WITHSTANDING 500g. FORCE MINIMUM ON INDIVIDUAL CONTACTS
 2. ALL WIRES MUST BE CONTAINED IN THE SHELF.
 3. DISTANCE BETWEEN ADJACENT CONTACT WIRES ARE 0.558 MIN.

Technical specifications

- Insulation Resistance - 500 M Ohms min.
- Dielectric Strength - 1000 V rms , 60 Hz.
- Contact Resistance - 20 m Ohms. max.
- Current Rating - 2.0 amp DC
- Maximum Total Mating Force - 20 N
- Retention Force Between Plug & Jack - 22.5 N min.
- Durability - 250 mating cycles

Material:

Housing : Nylon 66 25% Glass filled UL94 V0

The housing will withstand exposure to 260-265°C for 3.5 seconds in a wavesoldering application. Use protective adhesive tape (Kapton or Teflon) or protective metallic devices on the areas which are directly exposed to wave soldering as it is used in classical leaded wave soldering.

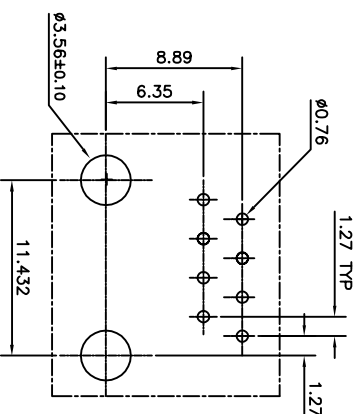
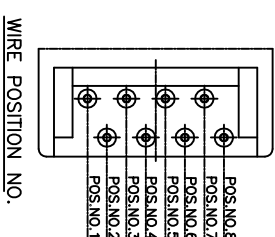
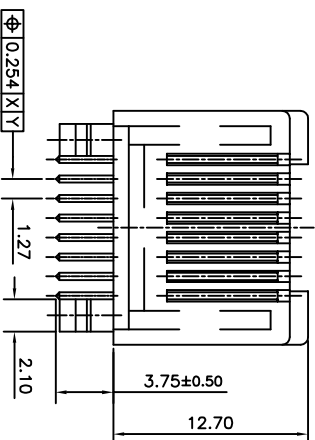
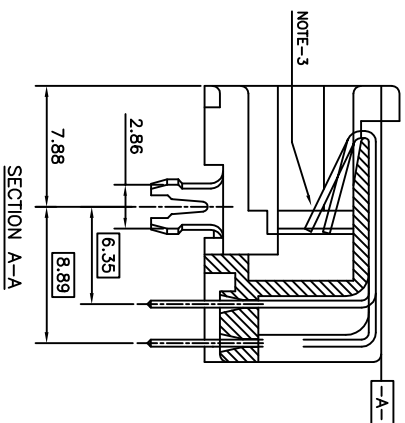
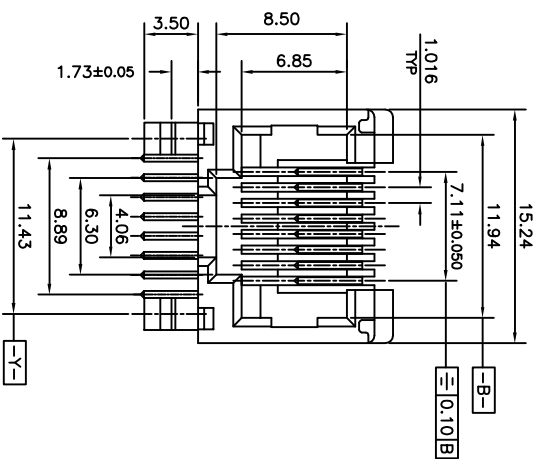
Contact : Ø0.46 Phosphor Bronze Round Wire.

Plating :

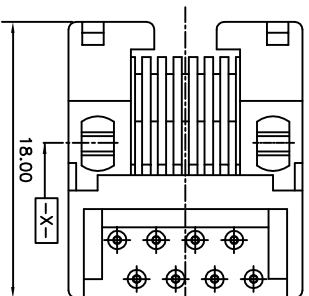
Active zone : Gold over nickel on contact area

Termination zone : SnPb over Nickel (Leaded version)

: Matte Tin over nickel (Lead Free version)



P.C.B HOLE PATTERN VIEWED FROM TOP



1. LF Products meet European Union Directives and other country Regulations as described in GS-22-008.
2. The Housing will withstand exposure to 260° peak temperature for 3.5 sec in a wave solder application with a 1.6mm Min thick circuit board. Slight deformation of snap pegs may occur at 260-265°C which will not affect the function of the product.
3. Lead Free or ROHS Directive labelling to be provided as per GS-14-920 for Lead Free version.

mat'l. code	surface sg	tolerance	projection	product family
ISO 1302	ISO 406	ISO	100	MODJACK
title	8 POL PCB MODJACK			
sheet no	sheet 1 of 1			
size	A2			
revision	Customer Drawing			
sheet	1			
index	1			