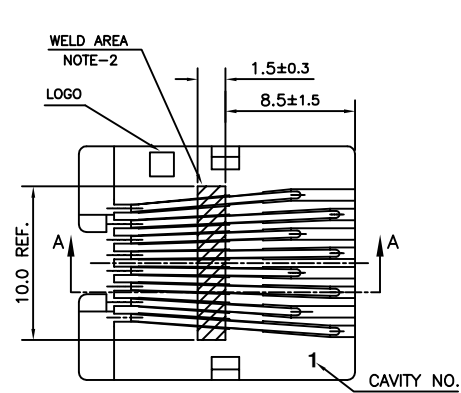




- PART No. 54601-X08 XXX LF
- 6 - 0.76 μ Au SELECTIVE MIN.
 - 7 - Au FLASH SELECTIVE MIN.
 - 8 - 1.27 μ Au SELECTIVE MIN.
 - 9 - 0.38 μ Au SELECTIVE MIN.

LEAD FREE

CONTACTS LOADED

BLANK - CTS. LOADED IN ALL POS.

003 - CTS. LOADED IN 4&5 POS.

004 - CTS. LOADED IN 3&6 POS.

005 - CTS. LOADED IN 3,4,5&6 POS.

006 - CTS. LOADED IN 2,3,4,5,6&7 POS.

NOTES:

- CONTACT WIRE SHOULD NOT TO BE EXPOSED IN THE WELD AREA. AND WELD FLASH NOT TO EXCEED 0.30 ABOVE $\square$ A. AND WELD STRENGTH TO BE CHECKED FOR WITHSTANDING 500g. FORCE MINIMUM ON INDIVIDUAL CONTACTS
- ALL WIRES MUST BE CONTAINED IN THE SHELF.
- 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

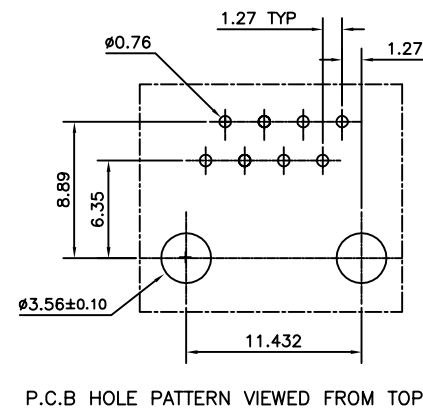
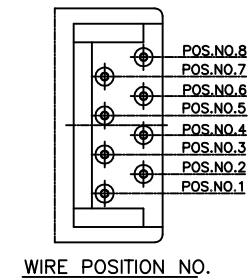
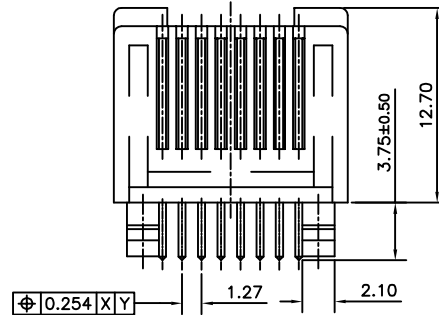
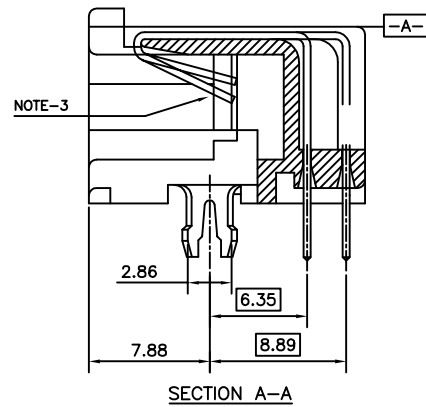
The housing will withstand exposure to 260-265°C for 3.5 seconds in a wavesoldering application. Use protective adhesive tape (Kapton or Teflon) or protective metallic devices on the areas which are directly exposed to wave soldering as it is used in classical leaded wave soldering.

Contact : ϕ 0.46 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)



- 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 58		tolerance		projection		product family	
-		ISO 1302		ISO 406		ISO 101		MODJACK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		linear		title	
F	106-0123	HVN	2006-07-21	angles		2'		8 POL PCB MODJACK	
G	107-0039	HVN	2007-03-16	linear		2'		scale 3:1	
		dr	MINI.K.V	2005-07-04				dwg no	
		engr	HIRAN.V.N	2005-07-04				sheet 1 of 1	
		chr	HIRAN.V.N	2007-03-16				C-BMJ-0043	
		appd	HIRAN.V.N	2007-03-16				type	
								Customer Drawing	
sheet index	revision sheet	G	1						