

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.

1. CONTACT WIRE SHOULD NOT TO BE EXPOSED IN THE WELD AREA.
AND WELD FLASH NOT TO EXCEED 0.30 ABOVE .
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.

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

Housing : Nylon 66 25% Glass filled UL94 V0

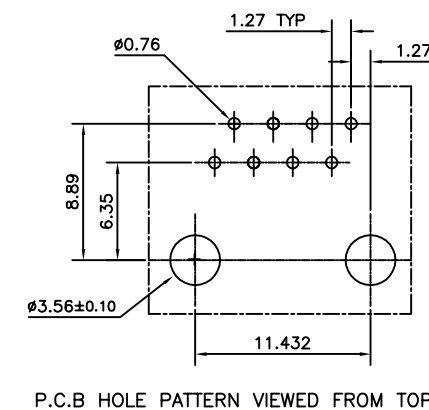
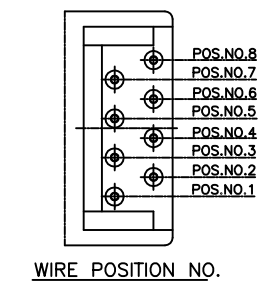
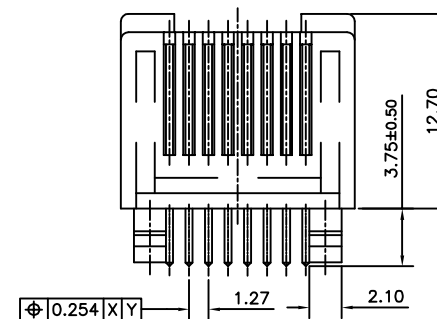
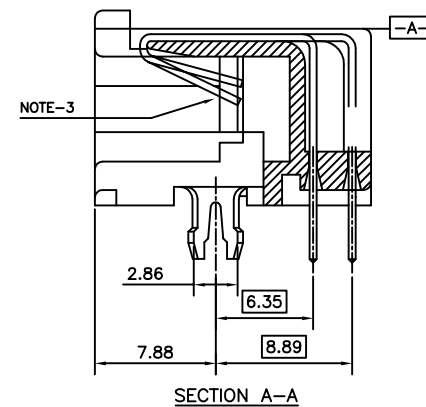
The housing will withstand exposure to 260–265°C for 3.5 seconds in a wavesoldering application. Use protective adhesive tape (Kapton or Teflon) or protective metallic devices on the areas which are directly exposed to wave soldering as it is used in classical leaded wave soldering.

Contact : $\varnothing 0.46$ 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		title			
F		I06-0123		HVN		2006-07-21		tolerances unless otherwise specified			
G		I07-0039		HVN		2007-03-16		angles			
								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		size	
				appd		HIRAN.V.N		2007-03-16		A2	
										C-BMJ-0043	
										type	
										Customer Drawing	
sheet index		revision sheet		G						F	
		1									

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