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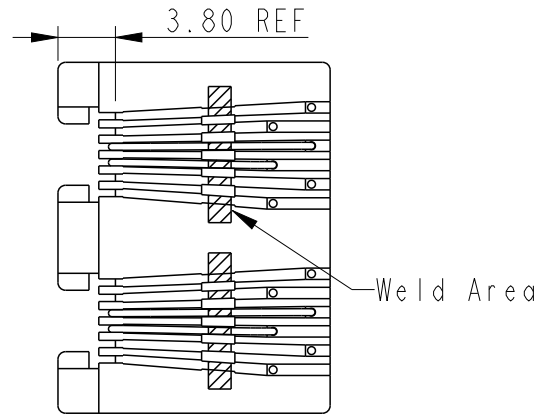
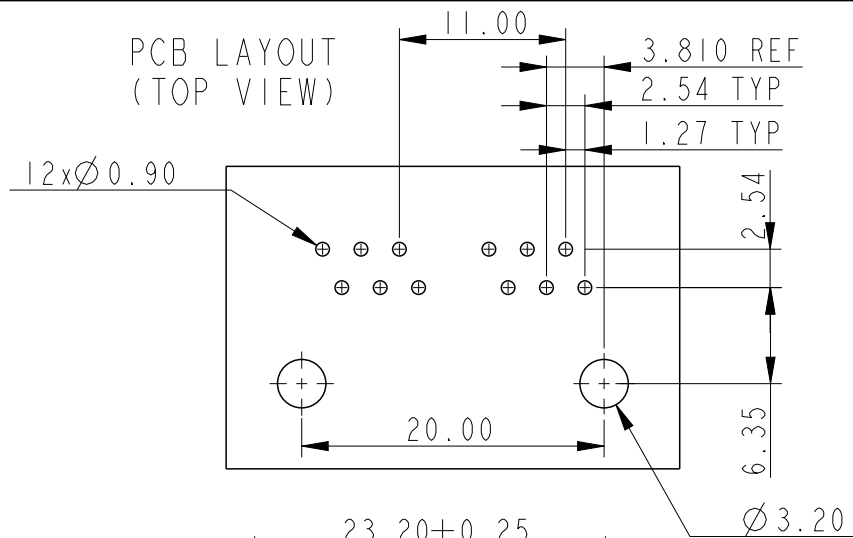
A

B

C

D

PCB LAYOUT
(TOP VIEW)



NOTES:

1. PLATING DETAILS:
ACTIVE ZONE : GOLD OVER NICKEL (REF. ORDERING INFORMATION)
TERMINATION ZONE: SnPb OVER NICKEL FOR LEADED VERSION
: MATTE TIN OVER NICKEL FOR LEADFREE VERSION.
2. CONTACT WIRE SHOULD NOT TO BE EXPOSED IN THE WELD AREA.
WELD FLASH NOT TO EXCEED 0.30 ABOVE DATUM [K] AND WELD STRENGTH TO BE CHECKED FOR WITHSTANDING 500g.FORCE MIN.ON INDIVIDUAL CONTACTS
3. ALL WIRES MUST BE CONTAINED IN THE SHELF.

PART NO. 10053565-X12 XXX LF

LEAD FREE

CONTACTS LOADED

- | | |
|-----------------------------|--|
| 6 - 0.76 Au SELECTIVE MIN. | BLANK- CTS. LOADED IN ALL POS. |
| 7 - Au FLASH SELECTIVE MIN. | 001 - CTS. LOADED IN A3,A4,B3 & B4 |
| 8 - 1.27 Au SELECTIVE MIN. | 002 - CTS. LOADED IN A2 TO A5 & B2 TO B5 |
| 9 - 0.38 Au SELECTIVE MIN. | |

1. LF PRODUCTS MEETS EUROPIEN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

2. THE HOUSING WILL WITHSTAND 260° PEAK TEMPERATURE FOR 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.

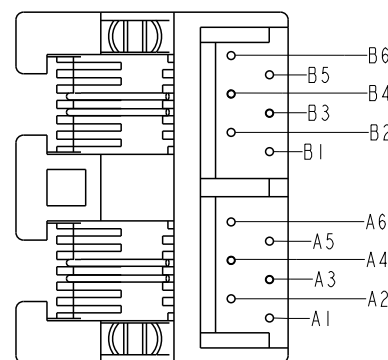
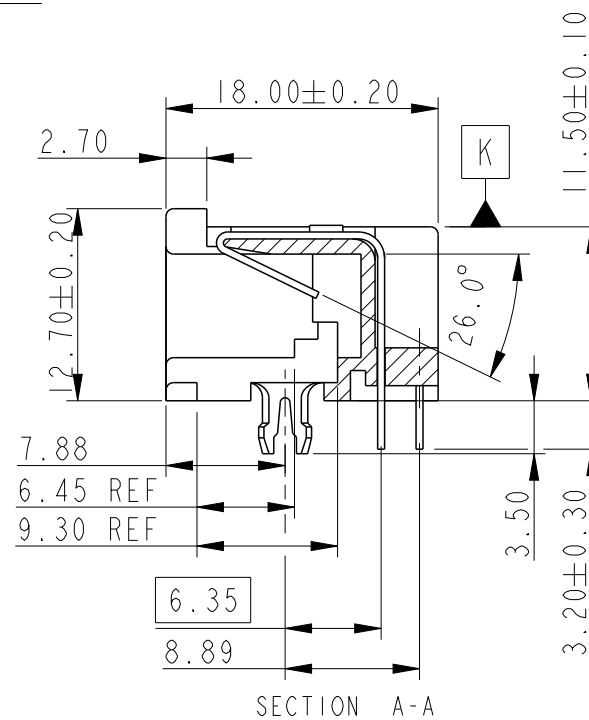
3. LEAD FREE OR ROHS DIRECTIVE LABELLING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.

MATERIAL

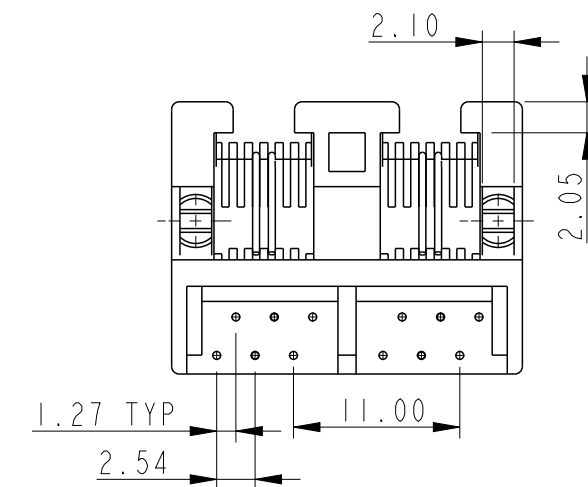
Housing : PBT 30% GF BLACK UL 94-V0

The Housing will withstand exposure to 260-265° for 5 seconds. Use protective adhesive tape (kapton or teflon) or protective metallic device on the areas which are directly exposed to wave soldering as it is used in classical leaded wave soldering

Contact : Ø 0.46 PHOSPHOR BRONZE ROUND WIRE



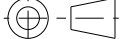
WIRE POSITION



Technical specifications

Insulation Resistance - 500 M Ohms min.
Dielectric Strength - 1000 V rms, 60 Hz.
Contact Resistance - 20 m Ohms to 30 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

rev	ecn no	dr	date
C	106-0105	HVN	2006-07-06
D	108-0117	NPM	2008-09-17
E	110-0137	NPM	2010-06-23
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface 		tolerance std -		projection 					
			TOLERANCES UNLESS OTHERWISE SPECIFIED									
Dr	HIRAN V N	2005-03-09	ANGULAR	LINEAR	0.X	±0.2	size A3	Scale 2:1				
Eng	HIRAN V N	2005-03-09			0.XX	±0.13						
Chr	NEBU PM	2010-06-23			0° ±2°	0.XXX		±0.08	ECN			
Appr	HIRAN V N	2010-06-23	Product family				MODJACKS		Spec ref		GS-12-083	
			title 6/6 GANG JACK 2 PORT MODJACK				dwg no 10053565				Rev. E	
			catalog no								sheet 1 of 1	

Mouser Electronics

Authorized Distributor

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