

PRODUCT NUMBER
76383-YXXLF

PLATING

3=0.76µm GOLD/GXT ON CONTACT AREA
3.81µm TIN-LEAD ON TAIL

4=3.81µm TIN-LEAD ON CONTACT AREA
AND ON TAIL

WHEN "LF" IS REQUIRED, 2µm MIN
MATTE TIN OVER 1.27µm MIN NICKEL
IS PROVIDED INSTEAD OF TIN-LEAD

WHEN REQUIRED, ADD SUFFIX LETTER "LF"
INDICATES THE PRODUCT IS RoHS
COMPATIBLE, SEE NOTE 7

NUMBER OF POSITIONS PER ROW: 04 TO 36

NOTES:

1. BODY MATERIAL: POLYESTER 30% GLASSFILLED COLOR BLUE,
FLAME RETARDANT PER UL-94 V0.
2. CONTACT MATERIAL: PHOSPHOR BRONZE.
3. 15N MIN PIN RETENTION IN EITHER DIRECTION
4. 0.6 MAX PROTRUSION PERMITTED AT 4 PLACES
5. PACKAGING :
 - POLYBAGS FROM 2 x 02 TO 2 x 06 POSITIONS
 - TUBE FROM 2 x 07 TO 2 x 36 POSITIONS
6. TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS N x 2.54 = 20.32mm
7. RoHS COMPATIBLE PRODUCT SPECIFICATIONS

a - PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE,
2µm MINIMUM MATTE TIN OVER 1.27µm
MINIMUM NICKEL UNDERPLATE.

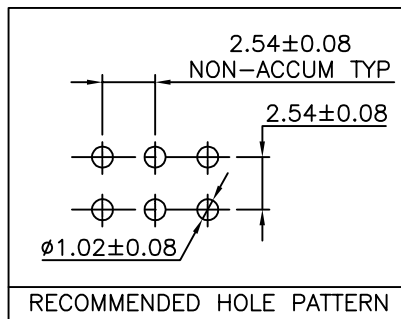
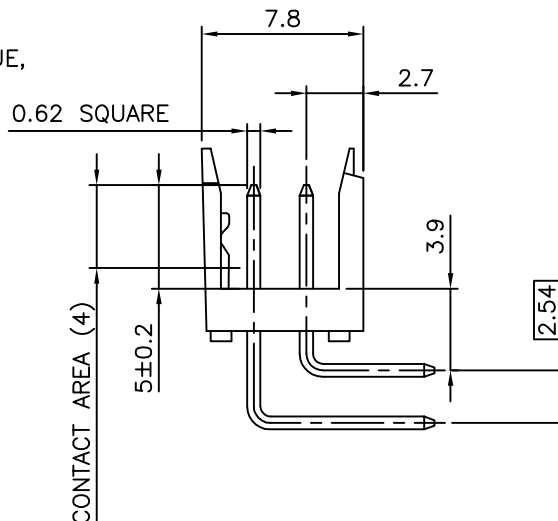
b - MANUFACTURING PROCESS COMPATIBILITY

- THE HOUSING WILL WITHSTAND EXPOSURE TO
245°C ±5°C SOLDER BATH TEMPERATURE FOR
5 SECONDS IN A WAVE SOLDER APPLICATION
WITH A 1.6mm MIN THICK CIRCUIT BOARD.

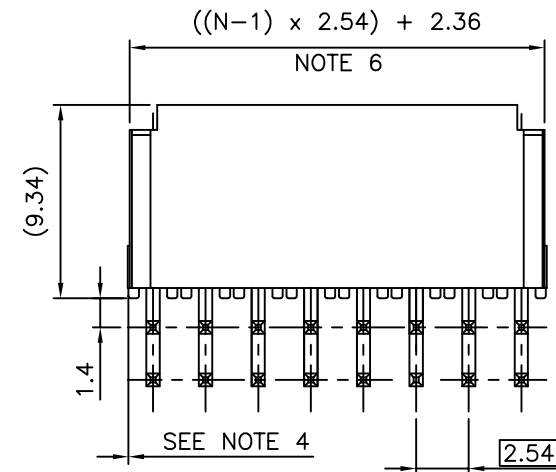
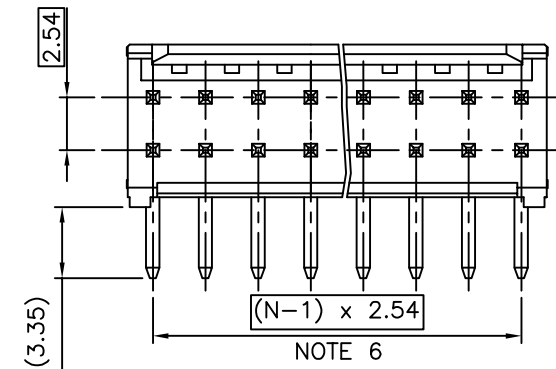
c - LABELING:

- MEETS PACKAGING SPECS AS PER GS-14-920

d - LEGAL STATEMENT: SEE GS-47-0004



TOP VIEW



mat'l. code				surface		tolerance		projection	product family	
SEE NOTE				ISO 1302	ISO 1101	ISO 406	ISO 1101		DUBOX	
ltr	ecr no	dr	date	tolerances unless otherwise specified				mm	title	
M	F10-0043	LMU	10.05.03	angles		.X	±0.3		SHR. HEADER RA DR TMT	
N	F-21810	AMA	15.06.19	linear		.XX	±0.15			
						.XXX	±0.05	scale 5:1		
H	F05-0244	JCO	05.09.06	dr	D.LE	01.01.24		FCI	dwg no	
J	F06-0228	LMU	06.07.11	engr	JM.C	01.01.24			sheet 1 of 1	
K	F06-0333	LMU	06.12.06	chr	JM.C	01.01.24			76383	
L	F08-0147	YOV	08.04.14	appd	JF.N	01.01.24			A3	
sheet index		revision sheet						type		CUSTOMER Drawing

Mouser Electronics

Authorized Distributor

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[FCI / Amphenol:](#)

[76383-313LF](#)