

PRODUCT NUMBER

98417-XXX-XX-XXXLF

PLATING

G = 0.76µm GOLD/GXT
ON CONTACT AREA
2.0µm MATTE TIN
ON TAILS.

S = 0.38µm GOLD/GXT
ON CONTACT AREA
2.0µm MATTE TIN
ON TAILS.

T = 2.0-6.0µm FULL MATTE TIN

1.27µm Ni MIN UNDERLAYER

LEAD FREE
RoHS COMPATIBLE, NOTE 8

POLARIZATION (SEE NOTE 7)

PACKAGING OPTION, NOTE 5.

TOTAL NB OF POSITIONS, 06 TO 50.

STYLE	SOLDER TAIL
51	2.00
61	2.50

NOTES:

1. MATERIAL HOUSING: HIGH TEMP. THERMOPLASTIC LCP
UL 94V-0, COLOR CREAM, MEETS GWT 850°C-960°C.

2. MATERIAL TERMINAL: COPPER ALLOY

3. TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW

4. 7N MIN. PIN RETENTION IN EITHER DIRECTION.

5. PACKAGING:

= PLASTIC BOX

- = PLASTIC BOX WHEN POLARISATION FEATURE APPLICABLE

U = TUBE PACKAGING AVAILABLE FROM 06 TO 50 POS

K = TAPE & REEL PACKAGING WITHOUT PICK UP CAP, AS AVAILABLE

UV = TUBE WITHOUT PICK UP CAP FOR VALEO

KV = TAPE & REEL WITHOUT PICK UP CAP FOR VALEO

6. DIM "C" = (N x 2) + 1.4

EXAMPLE : N = 7

DIM "C" = (7 x 2) + 1.4 = 15.4 mm

7. FOR POLARIZATION, SPECIFIED PIN

EXAMPLE: A03= ROW A, POSITION 03 TO OMIT PIN
OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE

8. 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
260°C ±5°C SOLDER BATH TEMPERATURE FOR
5 SECONDS IN A WAVE SOLDER APPLICATION
WITH A 1.6mm MIN THICK CIRCUIT BOARD.
- COMPATIBLE 260°C REFLOW PROCESS

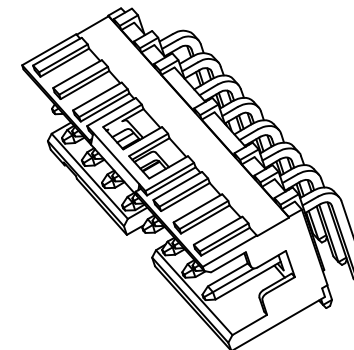
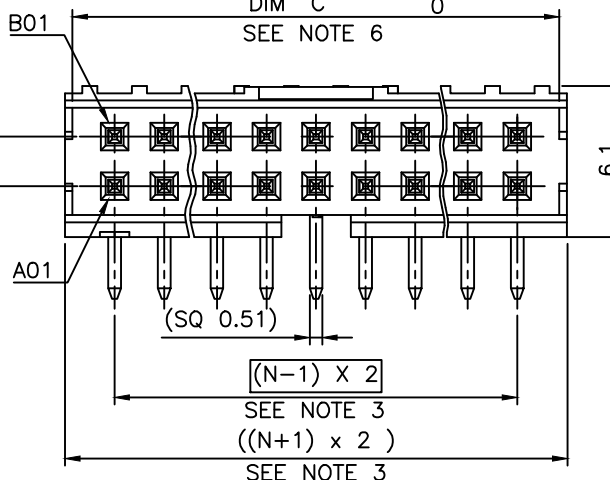
c - LABELLING:

- MEETS PACKAGING SPECS AS PER GS-14-920

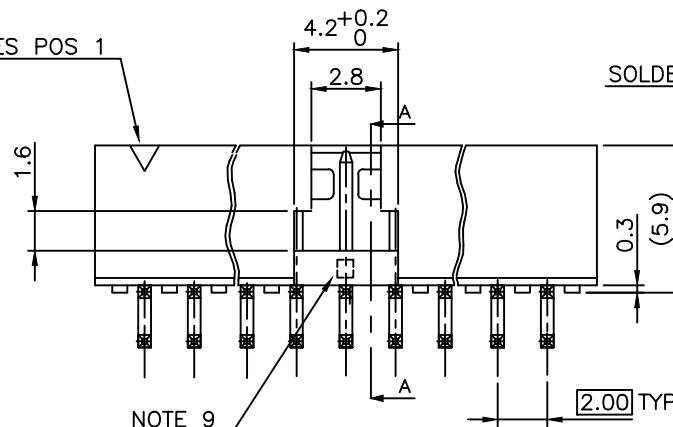
d - THIS PRODUCT MEETS EUROPEAN DIRECTIVES
AND OTHER COUNTRY REGULATIONS AS DISCRIBED
IN GS-47-0004

9. LOCATION OF CAVITIES MOULD IDENTIFICATION

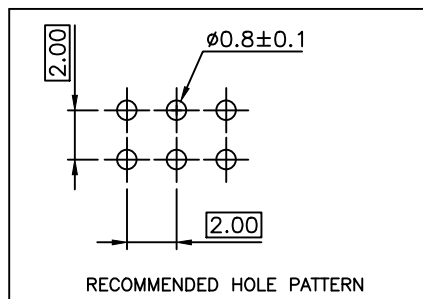
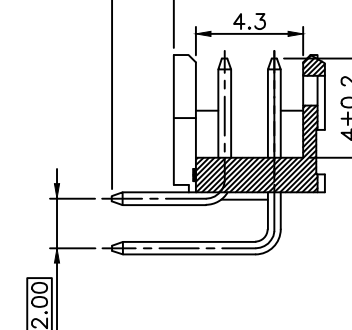
2.00 TYP



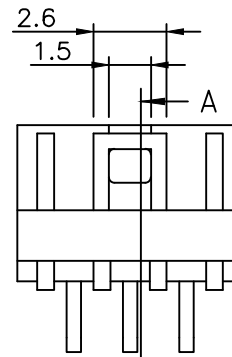
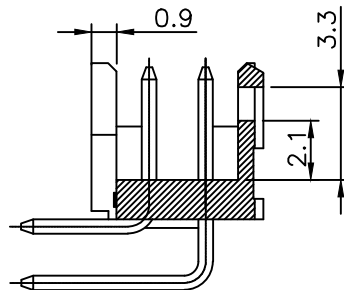
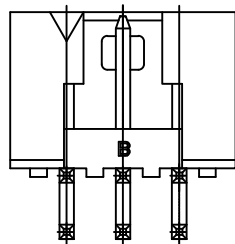
INDICATES POS 1



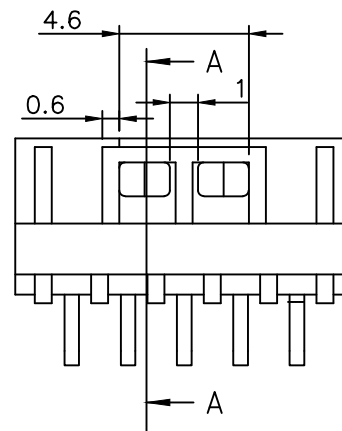
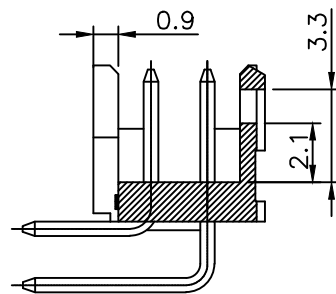
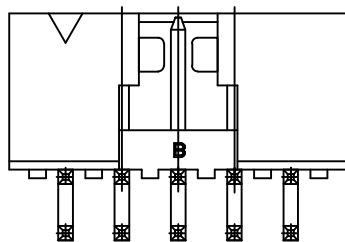
SOLDER TAIL ±0.3



mat'l. code	SEE NOTES	surface	tolerance	projection	product family
ISO 1302	ISO 406	ISO 1101	MINITEK		
ltr	ecn no	dr	date	tolerances unless otherwise specified	title
H	F-23051	AMA	16.01.15	angles	SHR HEADER
				Linear	2.00 RA REVERSED
C	B-19157	LMU	14.10.22	X.X ±0.3	scale 1:1
D	B-19190	LMU	14.10.24	X.XX ±0.13	
E	B-20201	BVE	15.02.05	X.XXX ±0.05	
F	B-20254	LMU	15.02.16		
G	F-21929	AMA	15.09.15		
sheet	revision	H	A		
index	sheet	1	2		



LATCHING FEATURES FOR 2x3 POS AND 2x4 POS
NO LATCHING AVAILABLE FOR 2x2 POS



LATCHING FEATURES FOR 2x5 POS UP TO 2x25 POS

mat'l. code SEE NOTES				surface ISO 1302	tolerance ISO 406 ISO 101	projection 101	product family MINITEK	
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title	
A	B-18376	JCO		14.07.23	angles	X.X ±0.3	SHR HEADER	
					linear	X.XX ±0.13	2.00 RA REVERSED	
						X.XXX ±0.05	scale 1:1	
			dr	L.MULIN	14.07.21		dwg no	sheet 2 of 2
			engr	J.COMPAGNON	14.07.21		98417	A3
			chr	JCO	14.07.23		type	CUSTOMER Drawing
sheet	revision							
index	sheet							

Mouser Electronics

Authorized Distributor

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[98417-S61-28ULF](#) [98417-G61-16LF](#) [98417-G61-10LF](#) [98417-G61-14LF](#)