

PRODUCT NUMBER
98424-X52-XX-XXXLF

PLATING

S = 0.38µm GOLD/GXT
ON CONTACT AREA
2µm MIN MATTE
TIN ON TAIL

G = 0.76µm GOLD/GXT
ON CONTACT AREA
2µm MIN MATTE TIN ON TAIL

F = GOLD FLASH
ON CONTACT AREA
2µm MIN MATTE TIN ON TAIL

T = 2.0-6.0µm FULL MATTE TIN

1.27µm Ni MIN UNDERLAYER

NOTES:

- MATERIAL HOUSING: HIGH TEMP. THERMOPLASTIC UL-94VO
- = STANDARD COLOR CREAM
B = OPTIONAL COLOR BLACK
- MATERIAL TERMINAL: COPPER ALLOY
- TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW
- 7N MIN. PIN RETENTION IN EITHER DIRECTION.
- PACKAGING:
= STANDARD PACKAGING IN POLYBAGS
- = POLYBAGS PACKAGING WHEN POLARISATION FEATURE APPLICABLE
U = TUBE AVAILABLE FROM 08 TO 50 POS
A = TAPE AND REEL WITH PICK UP CAP, AS AVAILABLE
K = TAPE AND REEL WITHOUT PICK UP CAP, AS AVAILABLE.
C = TAPE AND REEL WITH SPECIAL LARGE CAP, ONLY FOR 98424-Y52-06CLF
FOR ALL SPECIAL PACKAGING, FCI TO BE CONTACTED
UV = TUBE WITHOUT PICK UP CAP FOR CUSTOMER DEDICATED PART
AV = TAPE & REEL WITH PICK UP CAP FOR CUSTOMER DEDICATED PART
KV = TAPE & REEL WITHOUT PICK UP CAP FOR CUSTOMER DEDICATED PART

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 PEAK TEMPERATURE FOR 30 SECONDES
MAX IN A CONVECTION, INFRA-RED OR VAPOR
PHASE OR REFLOW OVEN.

c - LABELLING:

- MEETS PACKAGING SPECS AS PER GS-14-920
- THIS PRODUCT MEETS EUROPEAN DIRECTIVES
AND OTHER COUNTRY REGULATIONS AS DISCRIBED
IN GS-47-0004.

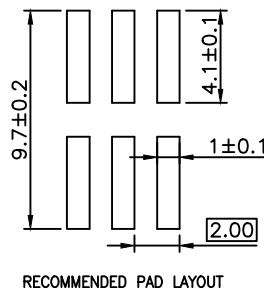
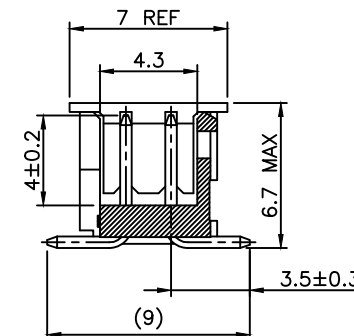
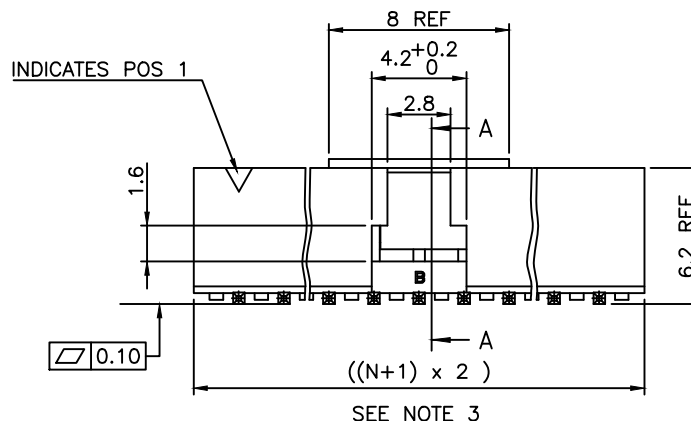
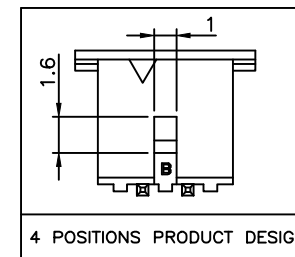
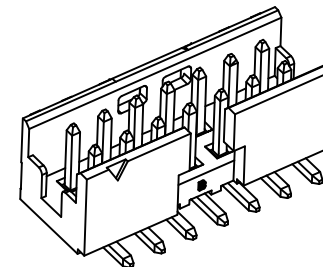
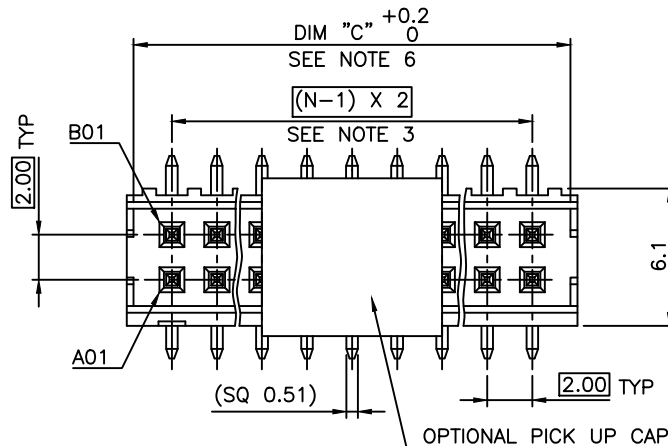
RoHS COMPATIBLE, SEE NOTE 8

POLARIZATION (SEE NOTE 7)

PACKAGING OPTIONAL LETTER (SEE NOTE 5)

TOTAL NB OF POSITIONS, 04 TO 50

COLOR OPTION NOTE 1



mat'l. code				surface		tolerance	projection	product family	
SEE NOTES				ISO 1302	ISO 406	ISO 1101		MINITEK	
ltr	ecr no	dr	date	tolerances unless otherwise specified				title	
W	B-26204	JCA	17.02.27	angles	linear	X.X ±0.3	mm	SHR HEADER	
R	B-18975	LMU	14.10.01			X.XX ±0.13		2.00 VERTICAL SMT	
S	B-19190	LMU	14.10.24	dr	L.MULIN	X.XXX ±0.05	scale 1:1	dwg no	
T	B-19797	AMA	14.12.16	engr	J.COMPAGNON			sheet 1 of 2	
U	B-19988	LMU	15.01.13	chr				98424	
V	F-23051	AMA	16.01.15	appd	JMC	04.09.27		type	
sheet				revision	W	A		CUSTOMER Drawing	
index				sheet	1	2			



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form: A3

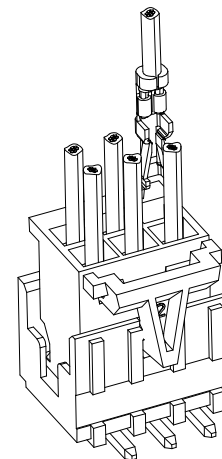
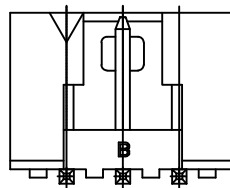
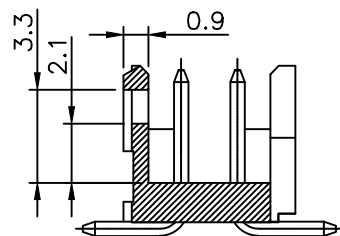
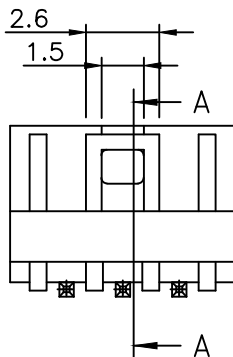
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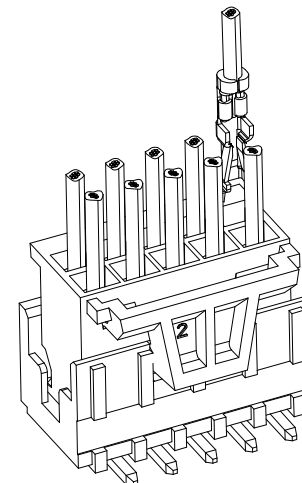
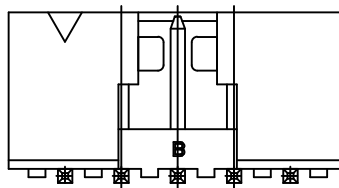
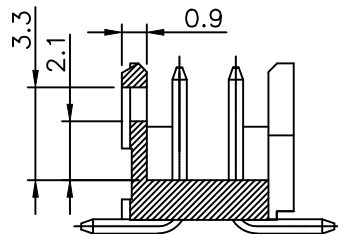
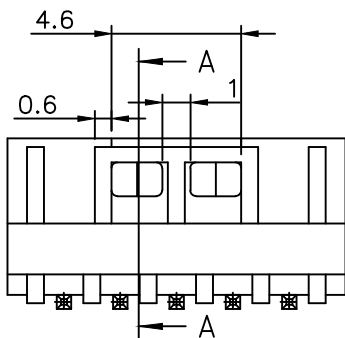
4

5

6



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



2x5 POS UP TO 2x25 POS CONFIGURATION

LATCHING FEATURES WHEN USED IN COMBINATION
WITH ACTIVE LATCH HOUSING 10073599

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	F08-0113	LMU	08.01.17	angles	linear	X.X ±0.3 X.XX ±0.13 X.XXX ±0.05	SHR HEADER 2.00 VERTICAL SMT	
				dr	L.MULIN	07.11.06	scale 1:1	
				engr	J.COMPAGNON	07.11.06	dwg no	
				chr			98424	
				appd	JM.C	07.11.06	sheet 2 of - size	
							A3	
							type	
							CUSTOMER Drawing	
sheet index	revision	sheet						

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

[98424-F52-50ULF](#) [98424-S52-04LF](#) [98424-S52-08LF](#) [98424-S52-10LF](#) [98424-S52-10ALF](#) [98424-S52-20LF](#)
[98424-S52-20ULF](#) [98424-S52-30ALF](#) [98424-S52-44ALF](#) [98424-F52-08ULF](#) [98424-F52-12ULF](#) [98424-F52-14ULF](#)
[98424-F52-24ULF](#) [98424-F52-28KLF](#) [98424-G52-06AA02LF](#) [98424-G52-08ULF](#) [98424-G52-12ULF](#) [98424-G52-](#)
[16ULF](#) [98424-G52-26ULF](#) [98424-G52-44ULF](#) [98424-S52-16ALF](#) [98424-S52-20ALF](#) [98424-S52-10ULF](#) [98424-F52-](#)
[26ULF](#) [98424-F52-30ULF](#) [98424-F52-32ULF](#) [98424-F52-38ULF](#) [98424-F52-44ULF](#) [98424-G52-10-B06LF](#) [98424-](#)
[G52-12-B05LF](#) [98424-G52-12-B06LF](#) [98424-G52-20ULF](#) [98424-G52-22ULF](#) [98424-G52-24ULF](#) [98424-G52-30KLF](#)
[98424-G52-30ULF](#) [98424-G52-38ULF](#) [98424-G52-40ULF](#) [98424-G52-46ULF](#) [98424-G52-48ULF](#) [98424-S52-16LF](#)
[98424-S52-24ALF](#) [98424-S52-24ULF](#) [98424-S52-06ALF](#) [98424-G52-12KLF](#) [98424-S52-10-A05LF](#) [98424-S52-](#)
[14ULF](#)