WE RECOMMEND THESE CONNECTORS FOR OPTIMAL SERVICE LEVEL

Preferred Part

- SHORT LEAD-TIMES
- LOW MOQs
- QUICK SAMPLING
- AVAILABLE AT DISTRIBUTION

Preferred Part

57202-G52-04ALF
57202-G52-06ALF
57202-G52-10ALF

PLATING
G = 0.76µm GOLD/GXT ON CONTACT AREA
2µm TIN MIN ON TAIL
1.27µm Ni MIN UNDERLAYER

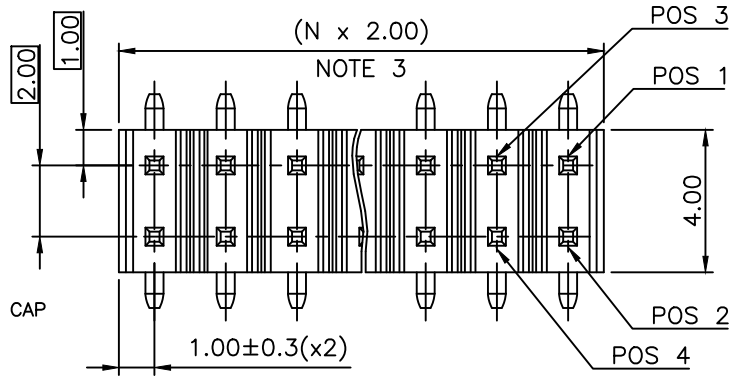
PIN STYLE

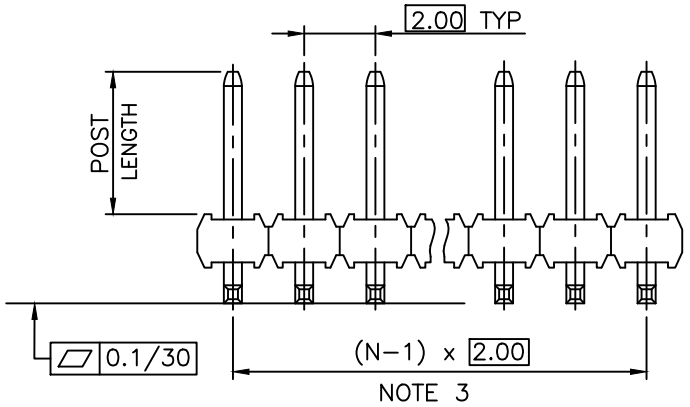
NB OF POSITIONS PER ROW

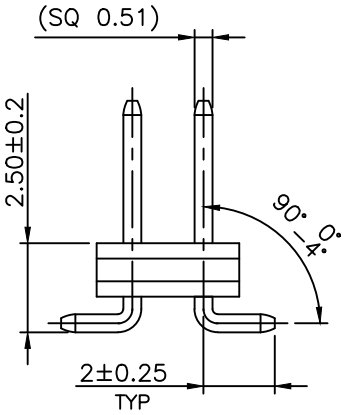
RoHS COMPATIBLE SEE NOTE 7

PACKAGING :
A = TAPE AND REEL WITH PICK UP CAP

TOP VIEW







NOTES:

1. MATERIAL HOUSING: HIGH TEMP. THERMOPLASTIC UL 94V-0, COLOR BLACK
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:
   = STANDARD PACKAGING IN POLYBAGS
   - = POLYBAGS PACKAGING WHEN POLARISATION FEATURE APPLICABLE.
   U = TUBE AVAILABLE FROM 04 TO 25 POS PER ROW.
   A = TAPE AND REEL WITH PICK UP CAP, AS AVAILABLE
   K = TAPE AND REEL WITHOUT CAP, AS AVAILABLE.
   ER = TAPE & REEL WITH CAP, FOR CUSTOMER DEDICATED PART AND SPECIFIC LABEL ON REEL
6. FOR POLARIZATION, SPECIFY POSITION NUMBER TO OMIT PIN.
   EXAMPLE : 03 = OMIT PIN POSITION 3, SEE TOP VIEW.
   OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE.
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 260°C PEAK TEMPERATURE FOR 30 SECONDES IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
   c - LABELLING:
   - MEETS PACKAGING SPECS AS PER GS-14-920
   d - LEGAL STATEMENT : SEE GS-47-0004
8. THIS PART SERIES IS NOT INITIALLY INTENDED FOR AUTOMOTIVE APPLICATIONS. ADDITIONAL FEES ARE CHARGEABLE FOR ANY ADDITIONAL QUALIFICATION AND TEST REPORTS PERFORMED OUTSIDE THE SCOPE OF THE STANDARD PRODUCT SPECIFICATIONS.
9. UNLESS OTHERWISE APPROVED BY AMPHENOL, ALL PARTS AND COMPONENTS ARE DESIGNED & BUILT ACCORDING TO AMPHENOL'S SPECIFICATIONS WHICHARE SUBJECT TO CHANGE WITHOUT NOTICE.

ltr	ecn no	dr	date
U	F-49168	DDE	23.09.01
V	F-49735	DDE	23.11.10
W	F-52794	DDE	24.09.04
X	F-54432	DDE	25.01.27
Y	F-54544	DDE	25.02.07
T	F-23051	AMA	16.01.15

sheet	revision	Y	X
index	sheet	1	2

mat'l. code: SEE NOTES
surface: ISO 1302
tolerance: ISO 406 ISO 1101
tolerances unless otherwise specified: angles; linear .x ±0.3, .xx ±0.15, .xxx ±0.05

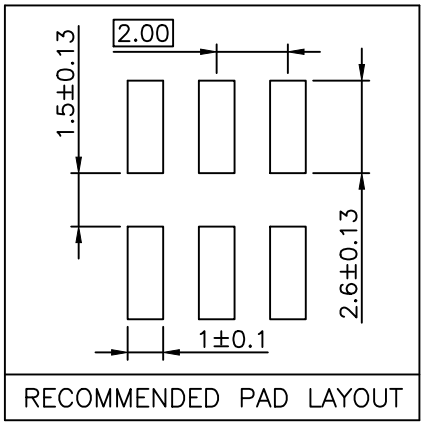
dr	L.MULIN	04.05.06
engr	J.COMPAGNON	04.11.25
chr	J.COMPAGNON	04.11.25
appd	J.COMPAGNON	04.11.25

projection
mm
scale 5:1

product family: MINITEK
title: UNSH HEADER 2.00mm VERTICAL SMT
dwg no: 57202
sheet 1 of 2
size: A3
type: CUSTOMER Drawing

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FCIconnect.com
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EXTENDED RANGE



RECOMMENDED PAD LAYOUT

PRODUCT NUMBER

57202–XXX–XXXXXLF

PLATING
(AS AVAILABLE)

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 = 2–6.0µm FULL MATTE TIN

1.27µm MIN NICKEL UNDERPLATING

RoHS COMPATIBLE
SEE NOTE 7

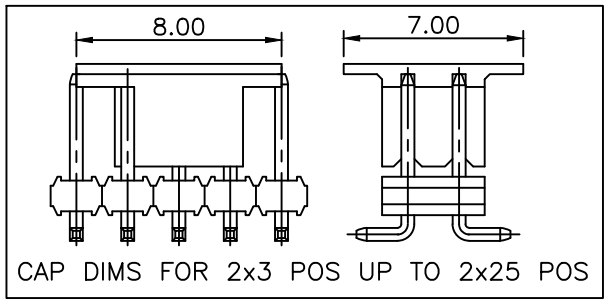
POLARIZATION, SEE NOTE 6

PACKAGING, SEE NOTE 5
(MAY BE SUBJECT TO TOOLING FEES)

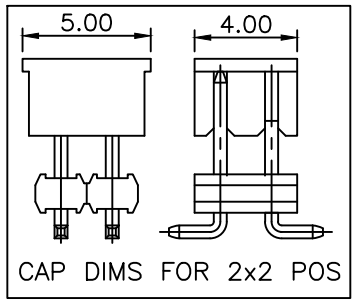
NB OF POS PER ROW : 02 TO 25

PIN STYLE
(AS AVAILABLE)

PIN STYLE	POST LENGTH ±0.2
51	2.00
52	4.00
53	3.50
54	2.50
55	5.50



CAP DIMS FOR 2x3 POS UP TO 2x25 POS



CAP DIMS FOR 2x2 POS

ltr	ecn no	dr	date
U	F-49168	DDE	23.09.01
V	F-49735	DDE	23.11.10
W	F-52794	DDE	24.09.04
X	F-54432	DDE	25.01.27
S	B-20032	AMA	15.01.20
T	F-23051	AMA	16.01.15

mat'l. code: SEE NOTES
surface ISO 1302
tolerance ISO 406 ISO 1101
tolerances unless otherwise specified
angles
linear .x ±0.3 .xx ±0.15 .xxx ±0.05
dr L.MULIN 04.05.06
engr J.COMPAGNON 04.11.25
chr J.COMPAGNON 04.11.25
appd J.COMPAGNON 04.11.25
sheet revision
index sheet
projection
mm
scale 5:1
product family: MINITEK
title: UNSH HEADER 2.00mm VERTICAL SMT
dwg no 57202
sheet 2 of 2
size A3
type CUSTOMER Drawing

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