

WE RECOMMEND THESE
CONNECTORS FOR OPTIMAL
SERVICE LEVEL



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



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

RoHS COMPATIBLE
SEE NOTE 7

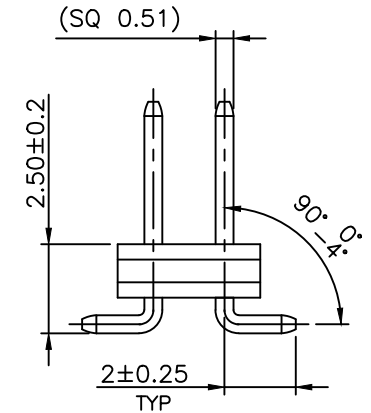
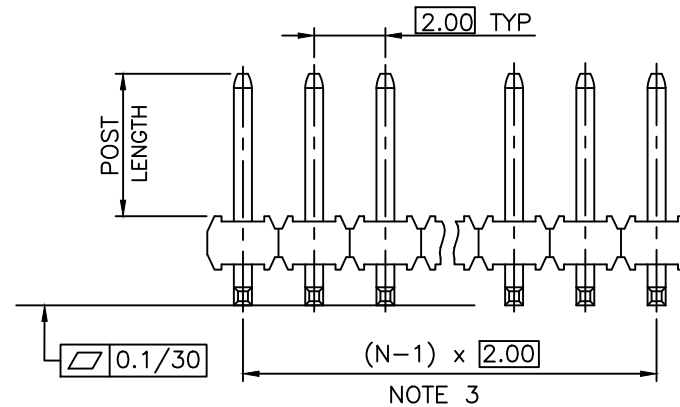
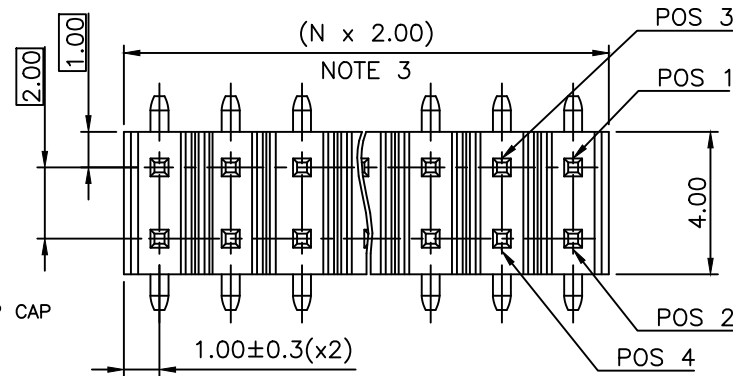
PACKAGING :
A = TAPE AND REEL WITH PICK UP CAP

NB OF POSITIONS PER ROW

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 WHICH ARE SUBJECT TO CHANGE
WITHOUT NOTICE.

TOP VIEW



mat'l. code				surface		tolerance		projection	product family		
SEE NOTES				ISO 1302	✓	ISO 406	ISO 1101		MINITEK		
ltr	ecn no	dr	date	tolerances unless otherwise specified					title		
U	F-49168	DDE	23.09.01	angles	linear		.X ±0.3		UNSH HEADER		
V	F-49735	DDE	23.11.10				.XX ±0.15	2.00mm VERTICAL SMT			
W	F-52794	DDE	24.09.04				.XXX ±0.05	dwg no			
X	F-54432	DDE	25.01.27	dr	L.MULIN	04.05.06		Amphenol		sheet 1 of 2	size
Y	F-54544	DDE	25.02.07	engr	J.COMPAGNON	04.11.25		FCI		57202	A3
				chr	J.COMPAGNON	04.11.25					
T	F-23051	AMA	16.01.15	appd	J.COMPAGNON	04.11.25		type		CUSTOMER	Drawing
sheet index	revision	Y	X								
	sheet	1	2								

EXTENDED RANGE

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

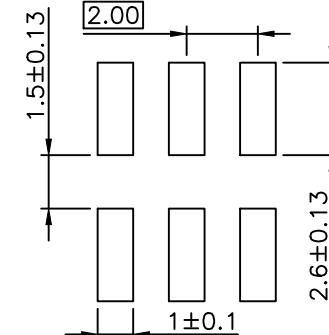
POLARIZATION, SEE NOTE 6

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

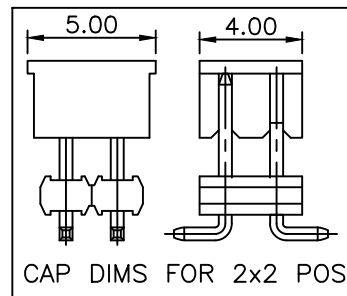
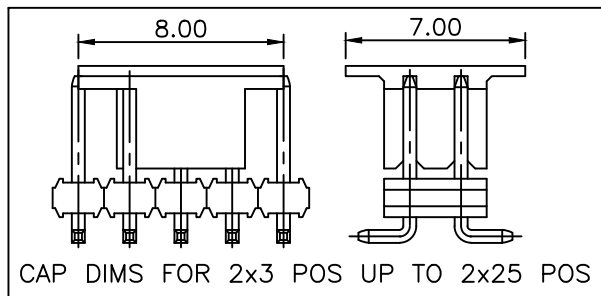
NB OF POS PER ROW : 02 TO 25

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



RECOMMENDED PAD LAYOUT



mat'l. code SEE NOTES				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection mm	product family MINITEK
ltr	ecn no	dr	date	tolerances unless otherwise specified	linear	mm	title
U	F-49168	DDE	23.09.01		.x ±0.3		UNSH HEADER
V	F-49735	DDE	23.11.10		.xx ±0.15		2.00mm VERTICAL SMT
W	F-52794	DDE	24.09.04		.xxx ±0.05	scale 5:1	
X	F-54432	DDE	25.01.27	dr	L.MULIN 04.05.06		dwg no
				enr	J.COMPAGNON 04.11.25		sheet 2 of 2
S	B-20032	AMA	15.01.20	chr	J.COMPAGNON 04.11.25		size
T	F-23051	AMA	16.01.15	appd	J.COMPAGNON 04.11.25		A3
sheet index	revision						type
	sheet						CUSTOMER Drawing

Mouser Electronics

Authorized Distributor

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

[Amphenol:](#)

[57202-F52-20A](#) [572024014](#) [572024025](#) [572024025448](#) [572024024](#) [57202-S51-07ALF](#) [57202G5320UL](#)