

WE RECOMMEND THESE
CONNECTORS FOR OPTIMAL
SERVICE LEVEL

Preferred Part

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

Preferred Part

98414-G06-06ULF
98414-G06-08ULF
98414-G06-10ULF
98414-G06-12ULF
98414-G06-14ULF
98414-G06-16ULF
98414-G06-20ULF
98414-G06-26ULF
98414-G06-32ULF

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

PIN STYLE _____

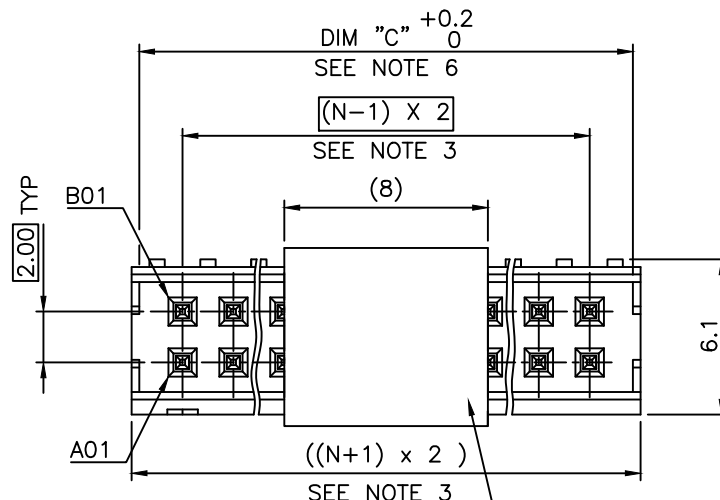
RoHS COMPATIBLE
SEE NOTE 8

PACKAGING : U = TUBE

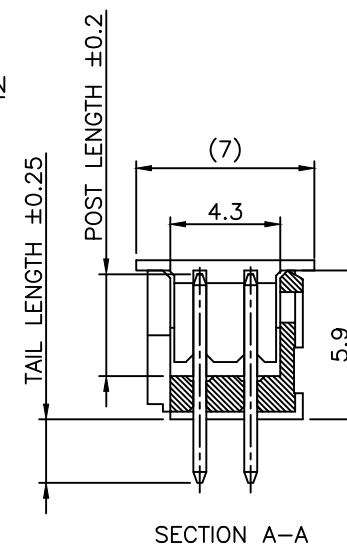
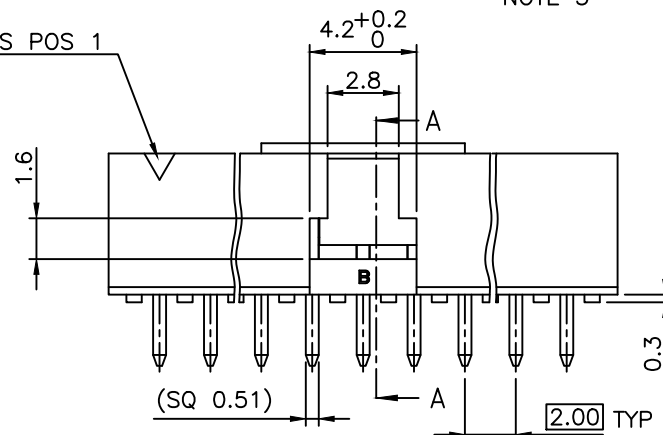
TOTAL NB OF POSITIONS _____

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: SEE SHEET 2
- DIM "C" = (N x 2) + 1.4
EXAMPLE: N = 7
DIM "C" = (7 x 2) + 1.4 = 15.4 mm
- FOR POLARIZATION, SPECIFIED PIN
EXAMPLE : A03 = ROW A, POSITION 03 TO OMIT PIN
OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE.
- RoHS COMPATIBLE PRODUCT SPECIFICATIONS
 - PLATING:
 - "LF" MEANS THE PRODUCT IS LEAD-FREE,
2µm MINIMUM MATTE TIN OVER 1.27µm
MINIMUM NICKEL UNDERPLATE.
 - MANUFACTURING PROCESS COMPATIBILITY
 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK
TEMPERATURE FOR 30 SECONDS MAX IN A CONVECTION,
INFRA-RED, OR VAPOR PHASE OR REFLOW OVEN
 - 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.
 - LABELLING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - THIS PRODUCT MEETS EUROPEAN DIRECTIVES
AND OTHER COUNTRY REGULATIONS AS DISCRIBED
IN GS-47-0004
- 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.
- UNLESS OTHERWISE APPROVED BY AMPHENOL, ALL PARTS AND COMPONENTS
ARE DESIGNED & BUILT ACCORDING TO AMPHENOL'S SPECIFICATIONS WHICH
ARE SUBJECT TO CHANGE WITHOUT NOTICE.



INDICATES POS 1



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			.X ±0.3		mm	title		
X	F-39558	DDE	21.01.07	angles			.XX ±0.15			SHR HEADER		
Y	F-46987	DDE	23.01.11				.XXX ±0.05		scale 5:1	2.00 VERTICAL TMT		
AA	F-54438	DDE	25.01.27									
				dr	L.MULIN	04.09.27				dwg no		
U	B-19797	AMA	14.12.16	engr	J.COMPAGNON	04.09.27				sheet 1 of 3		
V	F-34383	LMU	19.07.30	chr	J.COMPAGNON	04.09.27				size		
W	F-34619	DDE	19.08.20	appd	J.COMPAGNON	04.09.27				98414		
				sheet	revision	3	3	1		type		
				index	sheet	1	2	3		CUSTOMER Drawing		

EXTENDED RANGE

PRODUCT NUMBER
98414-XXX-XX-XXXLF

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 = 2.0-6.0µm FULL MATTE TIN
1.27µm Ni MIN UNDERLAYER

RoHS COMPATIBLE, SEE NOTE 8

POLARIZATION, SEE NOTE 7 (AS AVAILABLE)

PACKAGING, SEE BELOW
(MAY BE SUBJECT TO TOOLING FEES)

TOTAL NB OF POSITIONS, 04 TO 50 POS

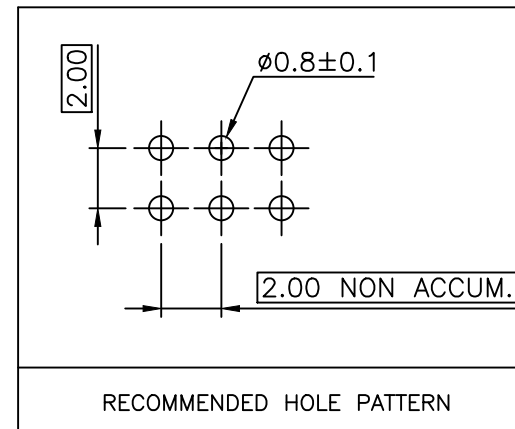
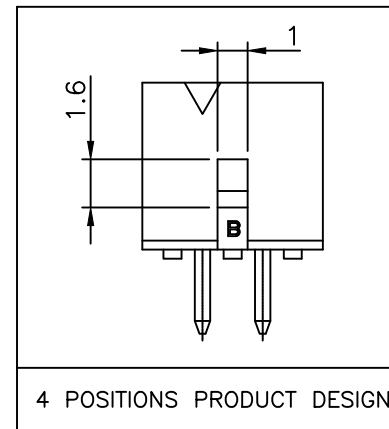
COLOR OPTION NOTE 1
(AS AVAILABLE)

PIN STYLE (AS AVAILABLE)

PIN STYLE	POST LENGTH	TAIL LENGTH
04	4.00	2.00
06	4.00	2.50
08	4.00	3.10
10	4.00	3.70

PACKAGING: (MAY BE SUBJECT TO TOOLING FEES)

- = STANDARD PACKAGING IN POLYBAGS
- = POLYBAGS PACKAGING WHEN POLARISATION FEATURE APPLICABLE
- B = TUBE WITH PICK-UP CAP FOR 12 UP TO 50 POS
- U = TUBE AVAILABLE FROM 06 TO 50 POS
- UV = TUBE WITHOUT PICK UP CAP FOR CUSTOMER DEDICATED PART
- A = TAPE & REEL WITH PICK UP CAP
- K = TAPE & REEL WITHOUT PICK UP CAP
- AV = TAPE & REEL WITH PICK UP CAP FOR CUSTOMER DEDICATED PART
- KV = TAPE & REEL WITHOUT PICK UP CAP FOR CUSTOMER DEDICATED PART



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			title
A	F-54438	DDE	25.01.27	angles	linear	mm	SHR HEADER 2.00 VERTICAL TMT
					.X ±0.3		
					.XX ±0.15		
					.XXX ±0.05	scale 5:1	
				dr	L.MULIN	04.09.27	dwg no
				enrg	J.COMPAGNON	04.09.27	sheet 2 of 3
				chr	J.COMPAGNON	04.09.27	size
				appd	J.COMPAGNON	04.09.27	A3
sheet index	revision sheet						type
							CUSTOMER Drawing



D

A



B



C



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