

WE RECOMMEND THESE
CONNECTORS FOR OPTIMAL
SERVICE LEVEL



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



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

PIN STYLE PREFERRED PART		
PIN STYLE	POST LENGTH	TAIL LENGTH
06	4.00	2.50

PLATING

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

RoHS COMPATIBLE
SEE NOTE 8

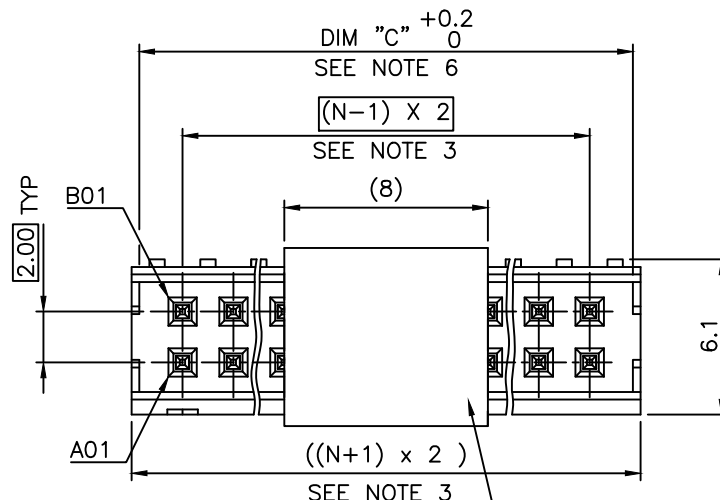
PACKAGING : U = TUBE

PIN STYLE
SEE TABLE

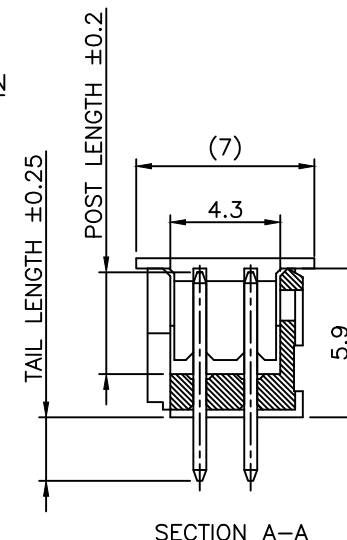
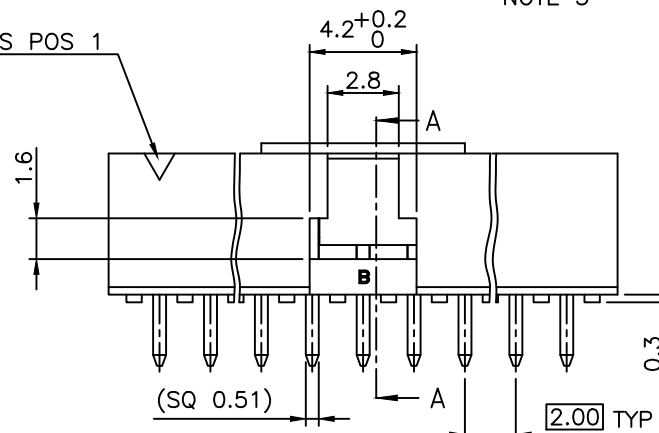
TOTAL NB OF POSITIONS

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			title		
X	F-39558	DDE	21.01.07	angles	linear	.x ± 0.3	SHR HEADER 2.00 VERTICAL TMT		
Y	F-46987	DDE	23.01.11			.xx ± 0.15			
AA	F-54438	DDE	25.01.27			.xxx ± 0.05	scale 5:1		
AB	F-54937	DDE	25.03.12	dr	L.MULIN	04.09.27	Amphenol FCI		
				enrg	J.COMPAGNON	04.09.27			
V	F-34383	LMU	19.07.30	chr	J.COMPAGNON	04.09.27			
W	F-34619	DDE	19.08.20	appd	J.COMPAGNON	04.09.27			
sheet	revision	AB	A	C			dwg no		
index	sheet	1	2	3					
							sheet 1 of 3		
							size		
							98414		
							A3		
							type		
							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

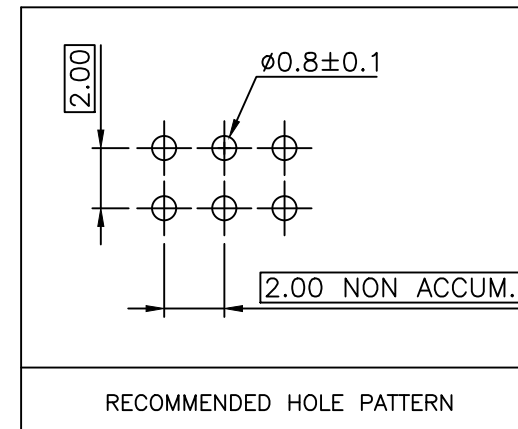
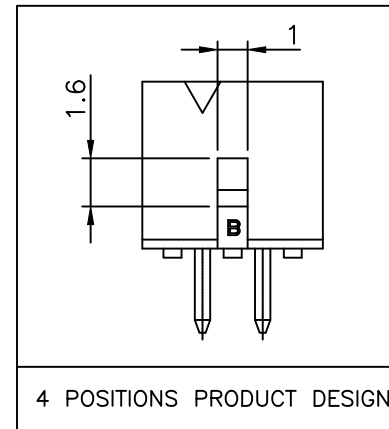
COLOR OPTION NOTE 1
(AS AVAILABLE)

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

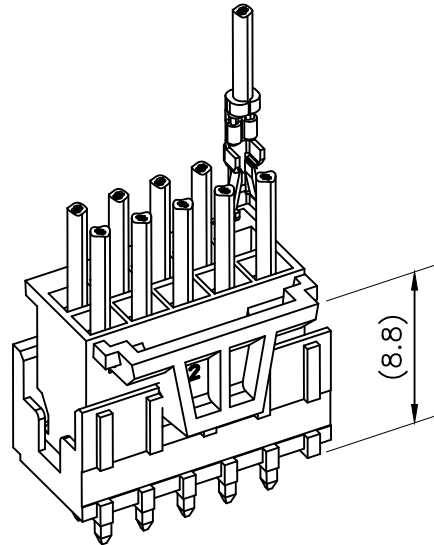
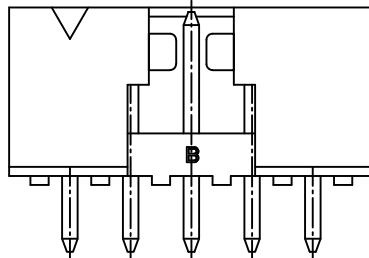
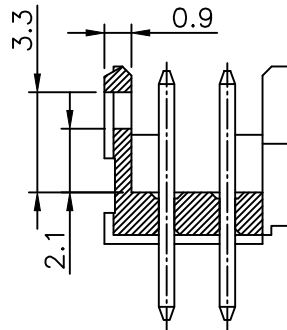
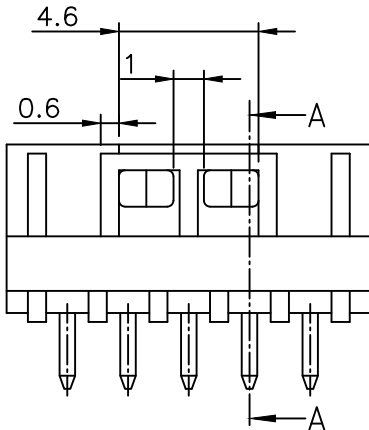
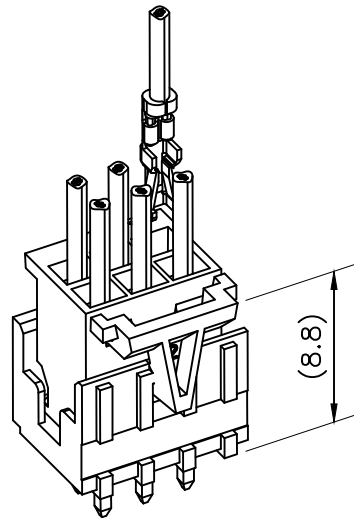
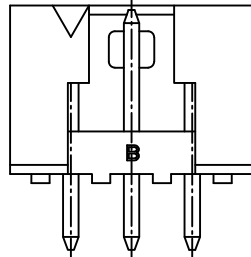
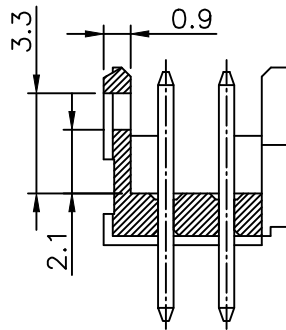
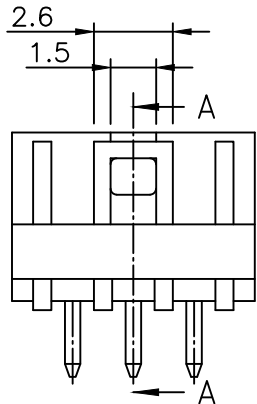
PACKAGING: (MAY BE SUBJECT TO TOOLING FEES)

- = 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	.X ±0.3 .XX ±0.15 .XXX ±0.05	SHR HEADER 2.00 VERTICAL TMT			
				dr	L.MULIN	04.09.27	dwg no	sheet 2 of 3	size	
				enrg	J.COMPAGNON	04.09.27	98414			
				chr	J.COMPAGNON	04.09.27	A3			
				appd	J.COMPAGNON	04.09.27	CUSTOMER Drawing			
sheet index	revision sheet									

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 1101	projection mm	product family MINITEK		
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title SHR HEADER 2.00 VERTICAL TMT		
A	F08-0113	LMU	08.01.17	angles	linear				
B	F-39558	DDE	21.01.07						
C	F-54438	DDE	25.01.27			scale 5:1			
				dr	L.MULIN	04.09.27			
				enr	J.COMPAGNON	04.09.27			
				chr	J.COMPAGNON	04.09.27			
				appd	J.COMPAGNON	04.09.27			
sheet index	revision sheet								