



WE RECOMMEND THESE CONNECTORS FOR OPTIMAL SERVICE LEVEL



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

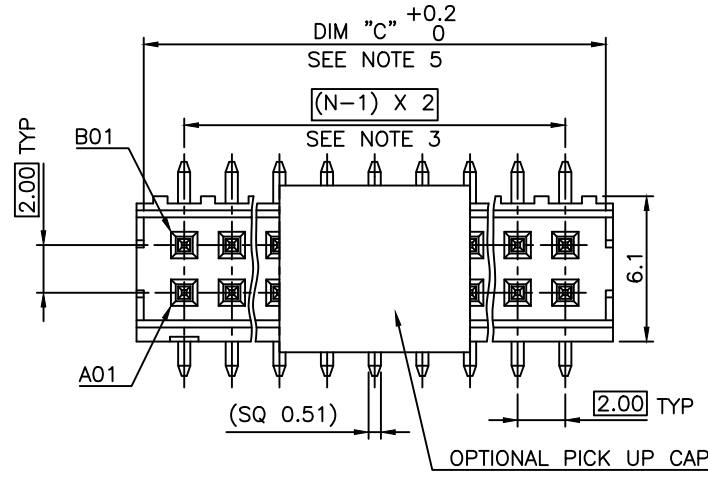
- 98424-G52-06ALF
- 98424-G52-08ALF
- 98424-G52-10ALF
- 98424-G52-12ALF
- 98424-G52-14ALF
- 98424-G52-16ALF
- 98424-G52-20ALF
- 98424-G52-24ALF
- 98424-G52-26ALF
- 98424-G52-32ALF
- 98424-G52-50ALF

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

RoHS COMPATIBLE
 SEE NOTE 6

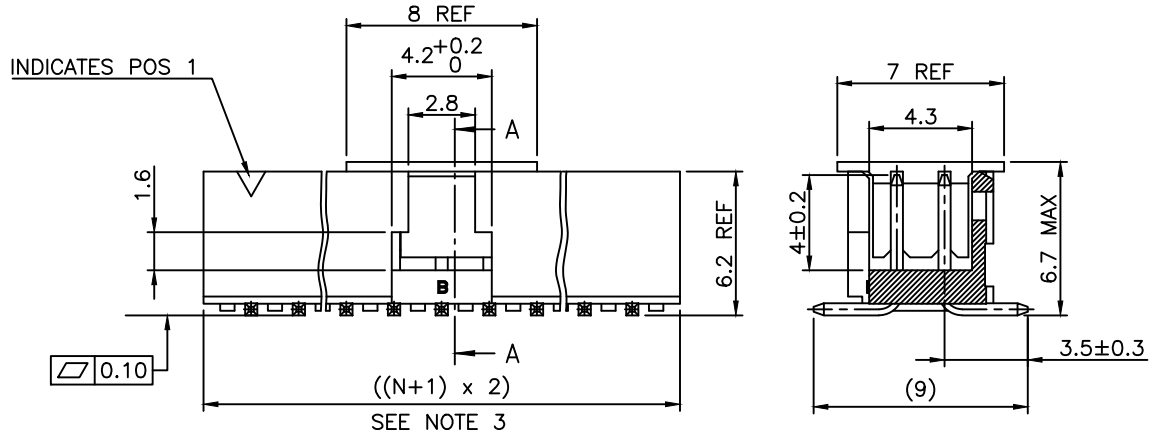
PACKAGING
 A = TAPE AND REEL WITH PICK UP CAP

TOTAL NB OF POSITIONS



NOTES:

- MATERIAL HOUSING: HIGH TEMP. THERMOPLASTIC UL-94V0 COLOR CREAM, MEETS GWIT 825°C AND GWFI 960°C
- MATERIAL TERMINAL: COPPER ALLOY
- TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW
- 7N MIN. PIN RETENTION IN EITHER DIRECTION.
- DIM "C" = (N x 2) + 1.4
EXAMPLE: N = 7
DIM "C" = (7 x 2) + 1.4 = 15.4 mm
- 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 SECONDES MAX IN A CONVECTION, INFRA-RED OR VAPOR PHASE OR REFLOW OVEN.
 - 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.



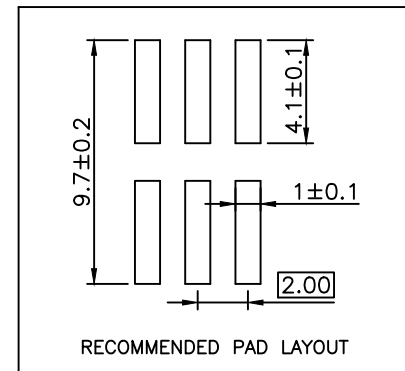
mat'l. code		surface		tolerance		projection		product family	
SEE NOTES		ISO 1302		ISO 406 ISO 1101		mm		MINITEK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
AE	F-56042	DDE	25.06.09	angles	linear	.X ±0.3		SHR HEADER	
						.XX ±0.15		2.00 VERTICAL SMT	
Y	F-40048	DDE	21.02.19			.XXX ±0.05	scale 5:1	dwg no	
AA	F-52813	DDE	24.09.05	dr	L.MULIN	04.09.27		sheet 1 of 3	
AB	F-54439	DDE	25.01.27	enr	J.COMPAGNON	04.09.27		size	
AC	F-54973	DDE	25.03.14	chr	J.COMPAGNON	04.09.27		98424	
AD	F-55672	APH	25.05.05	appd	J.COMPAGNON	04.09.27		A3	
sheet	revision	AE	B	A				type	
index	sheet	1	2	3				CUSTOMER Drawing	

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EXTENDED RANGE

CATALOG PART NUMBERS
98424-Y52-04-XXXLF
98424-Y52-06-XXXLF
98424-Y52-08-XXXLF
98424-Y52-10-XXXLF
98424-Y52-12-XXXLF
98424-Y52-14-XXXLF
98424-Y52-16-XXXLF
98424-Y52-18-XXXLF
98424-Y52-20-XXXLF
98424-Y52-22-XXXLF
98424-Y52-24-XXXLF
98424-Y52-26-XXXLF
98424-Y52-28-XXXLF
98424-Y52-30-XXXLF
98424-Y52-32-XXXLF
98424-Y52-34-XXXLF
98424-Y52-36-XXXLF
98424-Y52-38-XXXLF
98424-Y52-40-XXXLF
98424-Y52-42-XXXLF
98424-Y52-44-XXXLF
98424-Y52-46-XXXLF
98424-Y52-48-XXXLF
98424-Y52-50-XXXLF



RoHS COMPATIBLE, SEE NOTE 6

POLARIZATION, SPECIFIED PIN
 EXAMPLE : A03 = ROW A, POSITION 03 TO OMIT PIN
 OMIT FROM PRODUCT NUMBER IF THIS FEATURE IS NOT APPLICABLE
 (AS AVAILABLE)

PACKAGING: (MAY BE SUBJECT TO TOOLING FEES)

- = 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.
- HK = TAPE AND REEL WITHOUT PICK UP CAP, CUSTOM WIDTH 32MM
 ONLY AVAILABLE FOR 98424-Y52-04HKLF
- 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
- ER = TAPE & REEL WITH CAP, FOR CUSTOMER DEDICATED PART AND
 SPECIFIC LABEL ON REEL
- ERU = TUBE WITHOUT PICK UP CAP FOR CUSTOMER DEDICATED PART AND
 SPECIFIC LABEL

PLATING
 (AS AVAILABLE)

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

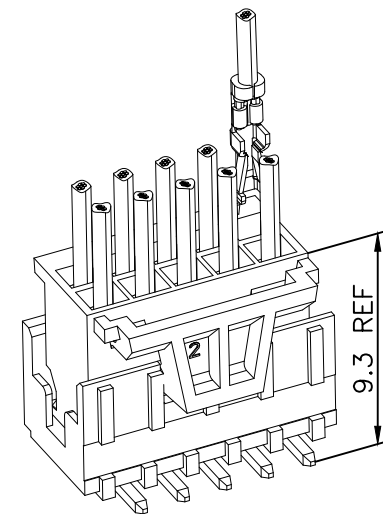
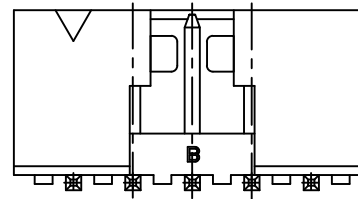
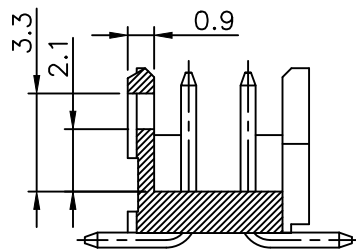
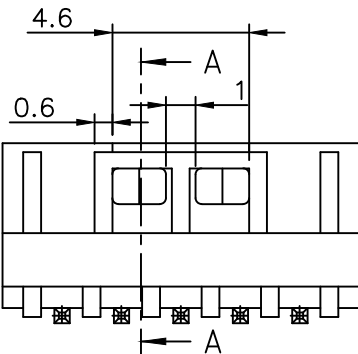
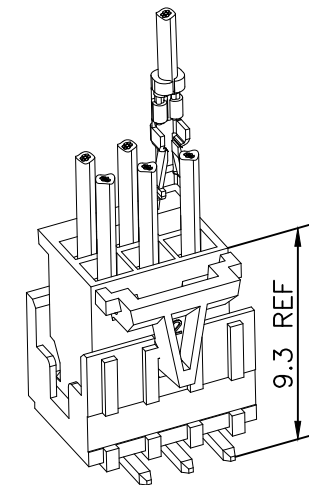
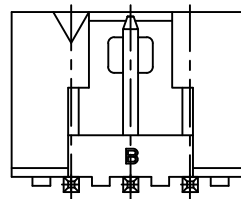
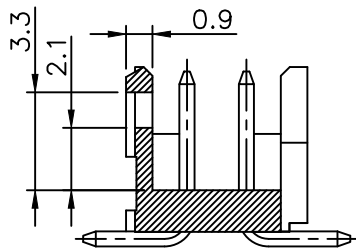
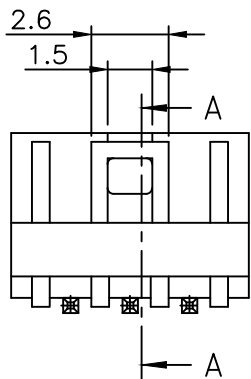
TOTAL NB OF POSITIONS

COLOR OPTION NOTE 1
 (AS AVAILABLE)
 - = STANDARD COLOR CREAM
 B = OPTIONAL COLOR BLACK

mat'l. code SEE NOTES				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection mm		product family MINITEK	
A F-54439 DDE 25.01.27				tolerances unless otherwise specified		.x ±0.3		mm		title SHR HEADER 2.00 VERTICAL SMT	
B F-55672 APH 25.05.05				angles		.xx ±0.15		scale 5:1		dwg no 98424	
				linear		.xxx ±0.05				sheet 2 of 3 size A3	
				dr		L.MULIN 04.09.27				type CUSTOMER Drawing	
				engr		J.COMPAGNON 04.09.27					
				chr		J.COMPAGNON 04.09.27					
				appd		J.COMPAGNON 04.09.27					
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 OR 10118940

mat'l. code SEE NOTES				surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family MINITEK
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm ←→ scale 5:1	title SHR HEADER 2.00 VERTICAL SMT
A	F-54439	DDE	25.01.27	angles	linear		dwg no
							sheet 3 of 3
				dr	L.MULIN	04.09.27	size A3
				enfr	J.COMPAGNON	04.09.27	98424
				chr	J.COMPAGNON	04.09.27	
				appd	J.COMPAGNON	04.09.27	
sheet index	revision sheet						type CUSTOMER Drawing



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