

WE RECOMMEND THESE CONNECTORS FOR OPTIMAL SERVICE LEVEL



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

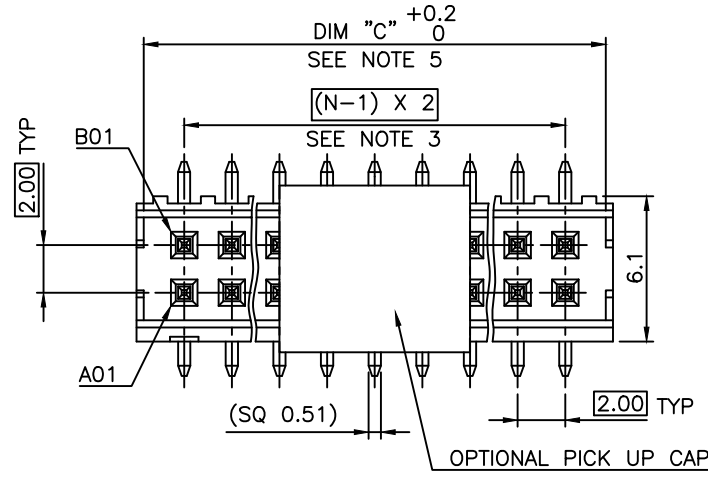


- 98424-G52-06ALF
- 98424-G52-08ALF
- 98424-G52-10ALF
- 98424-G52-12ALF
- 98424-G52-14ALF
- 98424-G52-16ALF
- 98424-G52-20ALF
- 98424-G52-24ALF
- 98424-G52-26ALF
- 98424-G52-32ALF
- 98424-G52-50ALF

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

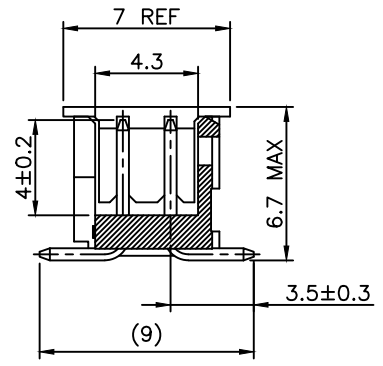
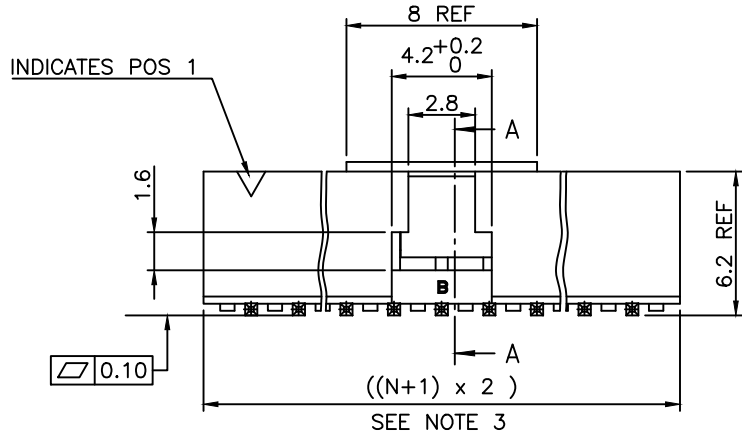
RoHS COMPATIBLE
SEE NOTE 6
PACKAGING
A = TAPE AND REEL WITH PICK UP CAP
TOTAL NB OF POSITIONS

PIN STYLE



NOTES:

1. MATERIAL HOUSING: HIGH TEMP. THERMOPLASTIC UL-94VO COLOR CREAM
2. MATERIAL TERMINAL: COPPER ALLOY
3. TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW
4. 7N MIN. PIN RETENTION IN EITHER DIRECTION.
5. DIM "C" = (N x 2) + 1.4
EXAMPLE: N = 7
DIM "C" = (7 x 2) + 1.4 = 15.4 mm
6. 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
MAX IN A CONVECTION, INFRA-RED OR VAPOR
PHASE OR REFLOW OVEN.
c - LABELLING:
- MEETS PACKAGING SPECS AS PER GS-14-920
d - THIS PRODUCT MEETS EUROPEAN DIRECTIVES
AND OTHER COUNTRY REGULATIONS AS DISCRIBED
IN GS-47-0004.
7. 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.
8. 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 SEE NOTES				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family MINITEK			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
W	B-26204	JCA	17.02.27	angles	linear	.X ±0.3			SHR HEADER 2.00 VERTICAL SMT				
X	F-35976	DDE	20.01.24			.XX ±0.15							
Y	F-40048	DDE	21.02.19			.XXX ±0.05							
AA	F-52813	DDE	24.09.05	dr	L.MULIN		04.09.27	Amphenol FCI	dwg no		sheet 1 of 3		size
AB	F-54439	DDE	25.01.27	engr	J.COMPAGNON		04.09.27		98424		A3		
AC	F-54973	DDE	25.03.14	chr	J.COMPAGNON		04.09.27		type CUSTOMER Drawing				
				appd	J.COMPAGNON		04.09.27						
sheet index		revision		AC	A								
		sheet		1	2	3							

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-Y52-04HKLFC = 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

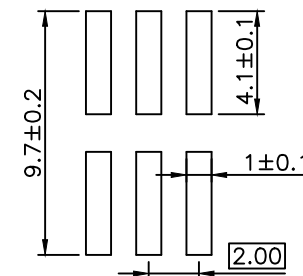
PLATING
(AS AVAILABLE)S = 0.38µm GOLD/GXT
ON CONTACT AREA
2µm MIN MATTE TIN ON TAIL
TIN ON TAILG = 0.76µm GOLD/GXT
ON CONTACT AREA
2µm MIN MATTE TIN ON TAILF = GOLD FLASH
ON CONTACT AREA
2µm MIN MATTE TIN ON TAILT = 2.0-6.0µm FULL MATTE TIN
1.27µm Ni MIN UNDERLAYER

TOTAL NB OF POSITIONS

COLOR OPTION NOTE 1
(AS AVAILABLE)

- = STANDARD COLOR CREAM

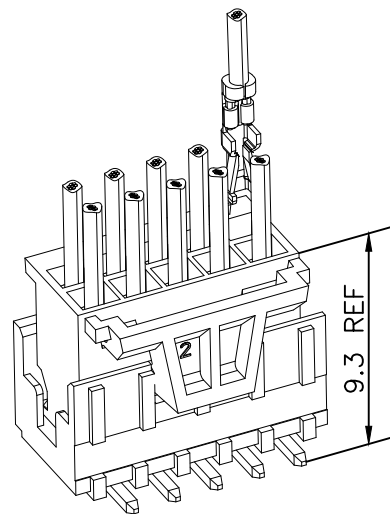
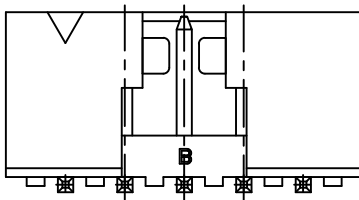
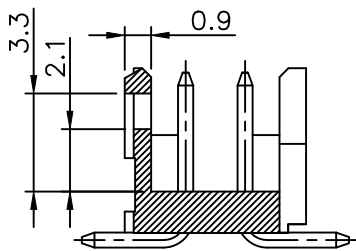
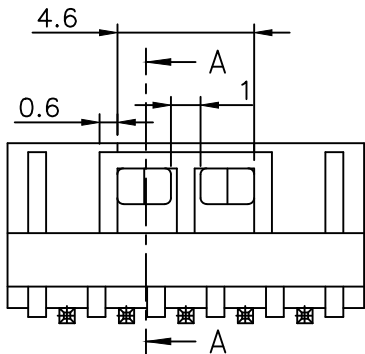
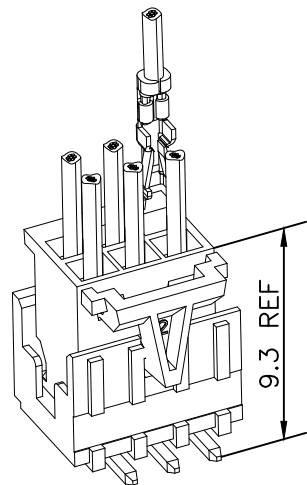
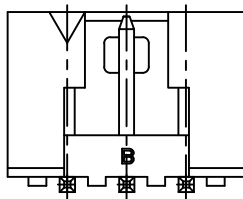
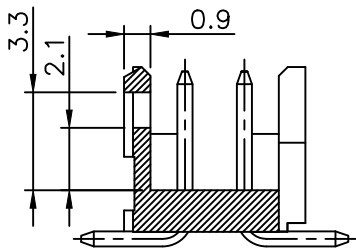
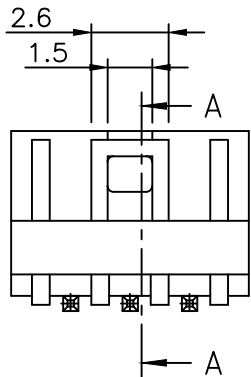
B = OPTIONAL COLOR BLACK



RECOMMENDED PAD LAYOUT

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				mm	title		
A	F-54439	DDE	25.01.27	angles	linear	.X ±0.3			SHR HEADER 2.00 VERTICAL SMT		
						.XX ±0.15					
						.XXX ±0.05		scale 5:1			
				dr	L.MULIN	04.09.27			dwg no		
				enr	J.COMPAGNON	04.09.27			sheet 2 of 3		
				chr	J.COMPAGNON	04.09.27			98424		
				appd	J.COMPAGNON	04.09.27			A3		
sheet		revision							type		
index		sheet							CUSTOMER Drawing		

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 mm	product family MINITEK		
ltr	ecn no	dr	date	tolerances unless otherwise specified			title		
A	F-54439	DDE	25.01.27	angles	linear	mm	SHR HEADER 2.00 VERTICAL SMT		
						scale 5:1	dwg no		
				dr	L.MULIN	04.09.27	sheet 3 of 3		
				enrg	J.COMPAGNON	04.09.27	size		
				chr	J.COMPAGNON	04.09.27	98424		
				appd	J.COMPAGNON	04.09.27	A3		
sheet	revision						type		
index	sheet						CUSTOMER Drawing		