

WE RECOMMEND THESE CONNECTORS FOR OPTIMAL SERVICE LEVEL



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

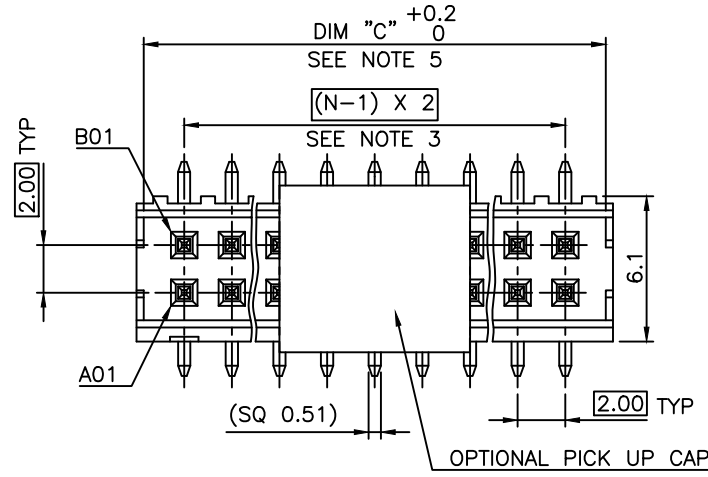


- 98424-G52-06ALF
- 98424-G52-08ALF
- 98424-G52-10ALF
- 98424-G52-12ALF
- 98424-G52-14ALF
- 98424-G52-16ALF
- 98424-G52-20ALF
- 98424-G52-24ALF
- 98424-G52-26ALF
- 98424-G52-32ALF
- 98424-G52-50ALF

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

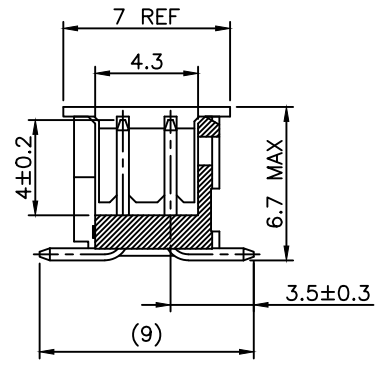
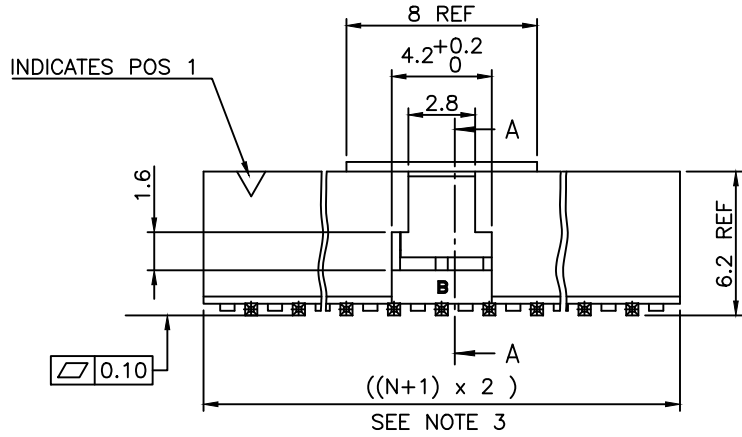
RoHS COMPATIBLE
SEE NOTE 6
PACKAGING
A = TAPE AND REEL WITH PICK UP CAP
TOTAL NB OF POSITIONS

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				surface		tolerance	projection	product family		
SEE NOTES				ISO 1302		ISO 406	ISO 1101	MINITEK		
ltr	ecn no	dr	date	tolerances unless otherwise specified				title		
W	B-26204	JCA	17.02.27	angles	linear	.x ±0.3	mm	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				
AC	F-54973	DDE	25.03.14	chr	J.COMPAGNON	04.09.27				
				appd	J.COMPAGNON	04.09.27				
sheet	revision	AC	A	A				type CUSTOMER Drawing		
index	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

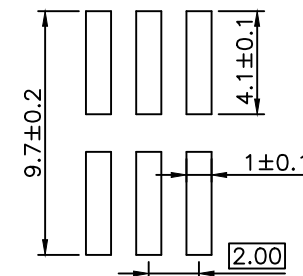
PLATING
(AS AVAILABLE)S = 0.38µm GOLD/GXT
ON CONTACT AREA
2µm MIN MATTE TIN ON TAIL
TIN ON TAILG = 0.76µm GOLD/GXT
ON CONTACT AREA
2µm MIN MATTE TIN ON TAILF = GOLD FLASH
ON CONTACT AREA
2µm MIN MATTE TIN ON TAILT = 2.0-6.0µm FULL MATTE TIN
1.27µm Ni MIN UNDERLAYER

TOTAL NB OF POSITIONS

COLOR OPTION NOTE 1
(AS AVAILABLE)

- = STANDARD COLOR CREAM

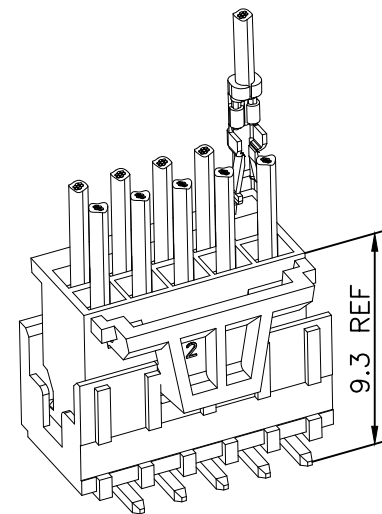
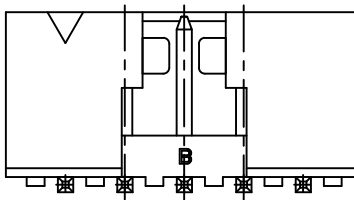
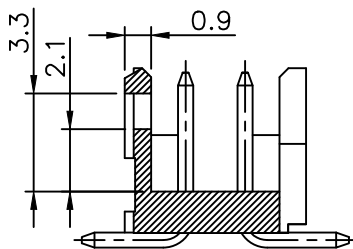
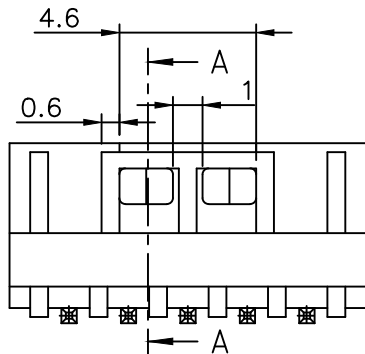
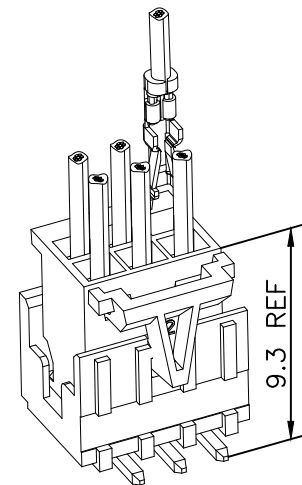
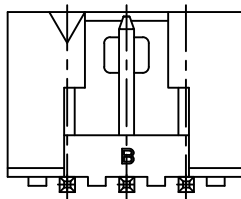
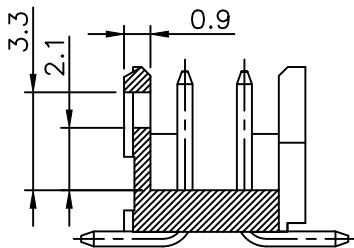
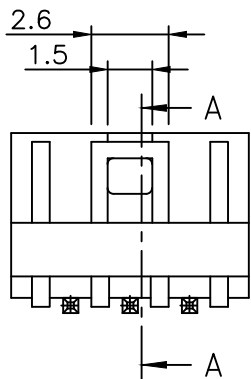
B = OPTIONAL COLOR BLACK



RECOMMENDED PAD LAYOUT

mat'l. code SEE NOTES				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family MINITEK																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
ltr		ecn no		dr	date	tolerances unless otherwise specified						title		SHR HEADER 2.00 VERTICAL SMT																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
A		F-54439		DDE	25.01.27	angles		linear		.X ±0.3		mm →																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
										.XX ±0.15																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
										.XXX ±0.05		scale 5:1																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
						dr		L.MULIN		04.09.27		Amphenol FCI		dwg no				sheet 2 of 3				size																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						enr		J.COMPAGNON		04.09.27				98424				A3																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
						chr		J.COMPAGNON		04.09.27																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
						appd		J.COMPAGNON		04.09.27				type				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 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			title		
A	F-54439	DDE	25.01.27	angles	linear	.X ±0.3 .XX ±0.15 .XXX ±0.05	mm	SHR HEADER 2.00 VERTICAL SMT	
				dr	L.MULIN	04.09.27	scale 5:1	dwg no	sheet 3 of 3
				engr	J.COMPAGNON	04.09.27		98424	size A3
				chr	J.COMPAGNON	04.09.27		type CUSTOMER Drawing	
				appd	J.COMPAGNON	04.09.27			
sheet index	revision sheet								