

PRODUCT NUMBER  
10075025-XXX-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
- 1.27µm MIN NICKEL UNDERPLATING

RoHS COMPATIBLE  
SEE NOTE 7  
PACKAGING, SEE NOTE 5  
(MAY BE SUBJECT TO TOOLING FEES)

TOTAL NUMBER OF  
POSITIONS 04 TO 50

OPTION LETTER  
SEE NOTE 8

PIN STYLE, SEE TABLE  
(AS AVAILABLE)

PIN STYLE	TAIL LENGTH	MISSING PIN POSITION
01	2.00	
02	2.50	
03	2.00	A01
04	5.00	

NOTES:

1. MATERIAL HOUSING: HIGH TEMP. THERMOPLASTIC, UL 94V-0, COLOR NATURAL, MEETS GWIT 825°C AND GWFI 960°C
2. MATERIAL TERMINAL: COPPER ALLOY
3. TO DETERMINE DIMENSIONS:  
N = NUMBER OF POSITIONS PER ROW
4. 7N MIN. PIN RETENTION IN EITHER DIRECTION.
5. PACKAGING:  
= STANDARD PACKAGING IN POLYBAG  
U = TUBE AVAILABLE FROM 03 TO 25 POS PER ROW  
A = TAPE & REEL WITH PICK UP CAP, AS AVAILABLE.

6. POLARIZATION :

- SEE TABLE FOR AVAILABILITY
- FOR NEW REQUEST, PLEASE TO CONTACT FCI

7. 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 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.

c - LABELLING:

- MEETS PACKAGING SPECS AS PER GS-14-920
- LEGAL STATEMENT: SEE GS-47-0004

8. OPTION:

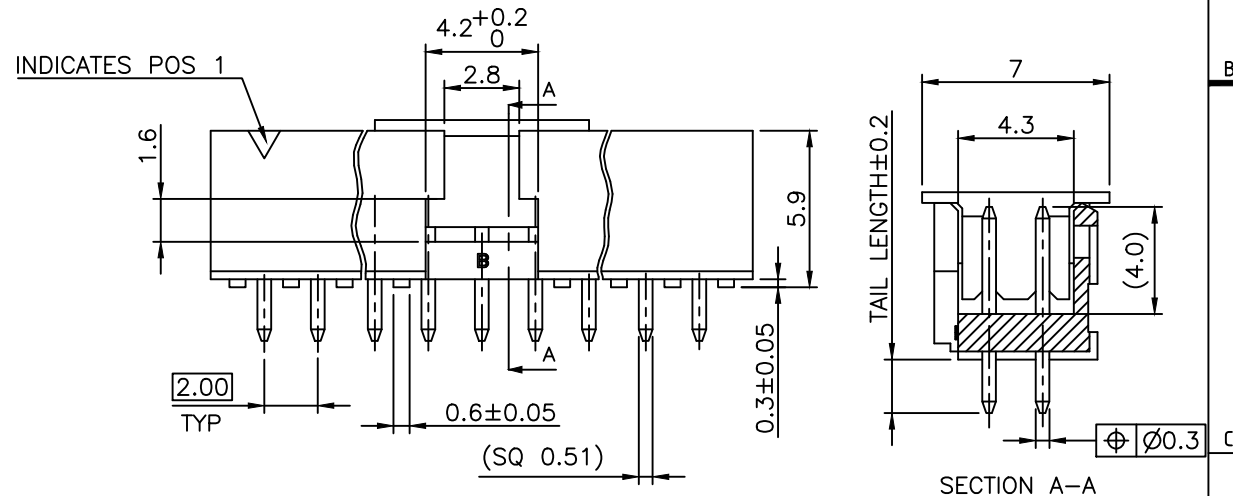
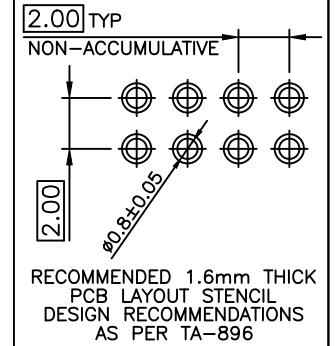
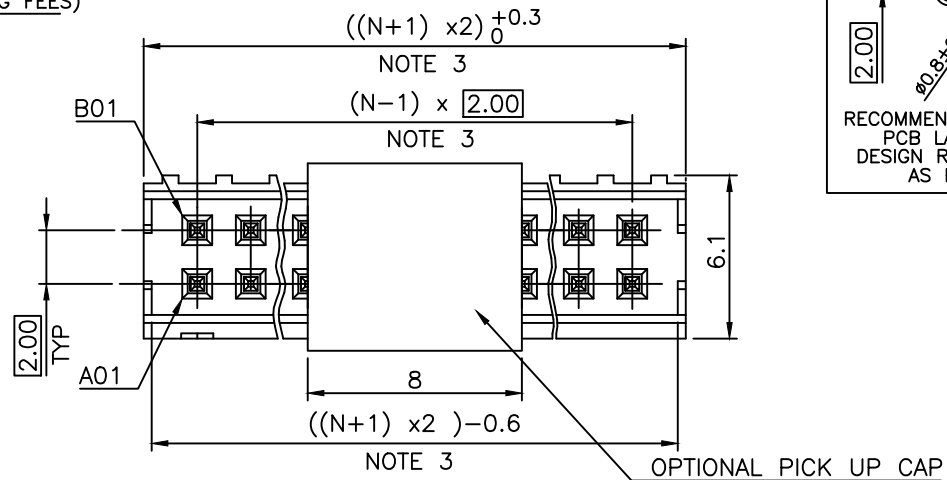
E= CUSTOMER DEDICATED PART WITH SPECIFIC LABEL

9. 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.

10. UNLESS OTHERWISE APPROVED BY AMPHENOL, ALL PARTS AND COMPONENTS ARE DESIGNED & BUILT ACCORDING TO AMPHENOL'S SPECIFICATIONS WHICH ARE SUBJECT TO CHANGE WITHOUT NOTICE.

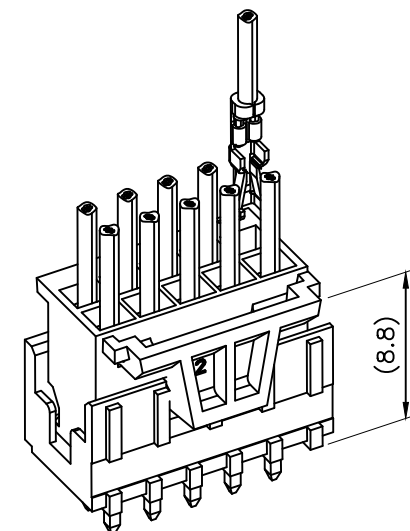
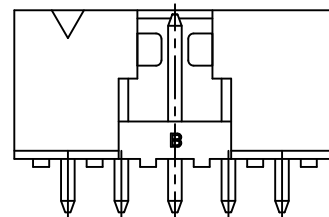
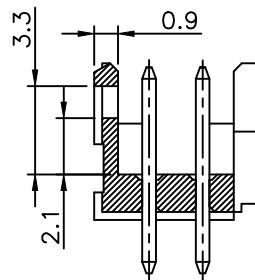
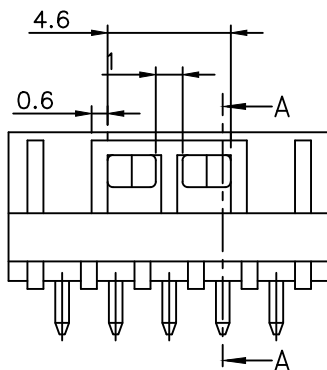
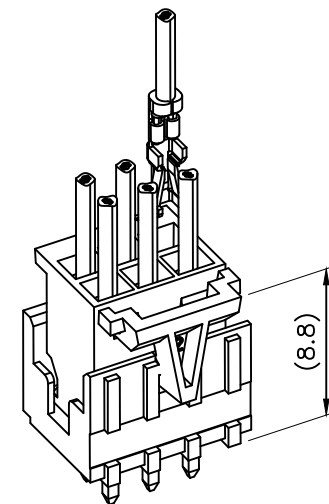
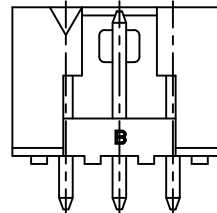
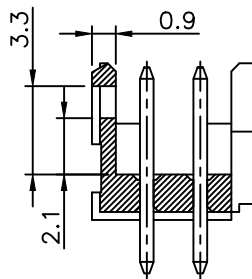
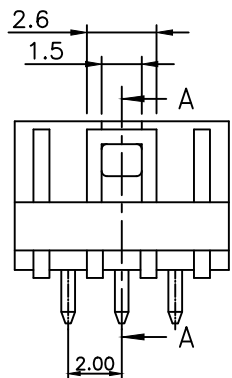
EXTENDED RANGE

- TOOLING FEASIBILITY CONFIRMED
- SAMPLES ON DEMAND
- AVAILABILITY ON DEMAND



mat'l. code		surface		tolerance		projection		product family	
		ISO 1302		ISO 406 ISO 1101		mm		MINITEK	
ltr		ecn no		dr		date		title	
Y F-42796		DDE		21.11.04		tolerances unless otherwise specified		SHROUDED HEADER	
AA F-45783		DDE		22.08.30		.X ±0.3		2.00 mm VERTICAL PIP	
AB F-52791		DDE		24.09.04		.XX ±0.15		dwg no	
AC F-54464		DDE		31.01.25		.XXX ±0.05		sheet 1 of 2	
AD F-54584		DDE		25.02.11		scale 5:1		size	
AE F-56060		DDE		25.06.09		Amphenol FCI		10075025 A3	
				appd J.COMPAGNON		07.01.04		type CUSTOMER Drawing	
sheet		revision		AE		F			
index		sheet		1		2			

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		surface ISO 1302 <input checked="" type="checkbox"/>		tolerance ISO 406 ISO 1101		projection 		product family MINITEK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title	
A	F06-0113	LMU	08.01.07	angles	linear	.X ±0.3	scale 5:1	SHROUDED HEADER 2.00 mm VERTICAL PIP	
B	B-17556	JCO	14.04.23			.XX ±0.15			
C	F-39557	DDE	21.01.07			.XXX ±0.05			
D	F-42796	DDE	21.11.04	dr	L.MULIN	07.12.04		dwg no	
E	F-45783	DDE	22.08.30	engr	J.COMPAGNON	07.12.04		sheet 2 of 2	
F	F-54464	DDE	31.01.25	chr				size 10075025 A3	
sheet index		revision sheet		appd J.COMPAGNON		07.12.04		type CUSTOMER Drawing	