

PRODUCT NUMBER
10075024-XXX-XXXLF

PLATING

S = 0.38µm GOLD ON CONTACT AREA
2µm MIN MATTE TIN ON TAIL
G = 0.76µm GOLD 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

LEAD FREE
RoHS COMPATIBLE
NOTE 6

PACKAGING
NOTE 5

POSITIONS PER ROW
02 TO 25

SEE NOTE 9

PIN STYLE	DIM "A" ±0.25	DIM "B" ±0.20
01	4.00	2.00
02	6.90	2.00
03	5.80	2.00
04	6.00	3.00

NOTES:

- MATERIAL HOUSING: HIGH TEMP. THERMOPLASTIC
UL 94V-0, COLOR BLACK
- MATERIAL TERMINAL: COPPER ALLOY
- TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW
- 7N MIN. PIN RETENTION IN EITHER DIRECTION.
- PACKAGING:
 - = STANDARD PACKAGING IN POLYBAG
 - U = TUBE WITHOUT PICK UP CAP
AVAILABLE FROM 03 TO 25 POS PER ROW
 - P = TUBE WITH PICK UP CAP
AVAILABLE FROM 03 TO 25 POS PER ROW
 - A = TAPE AND REEL WITH PICK UP CAP, AS AVAILABLE.

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 SECONDS MAX
IN A CONVECTION, INFRA-RED, OR VAPOR PHASE
OR REFLOW OVEN

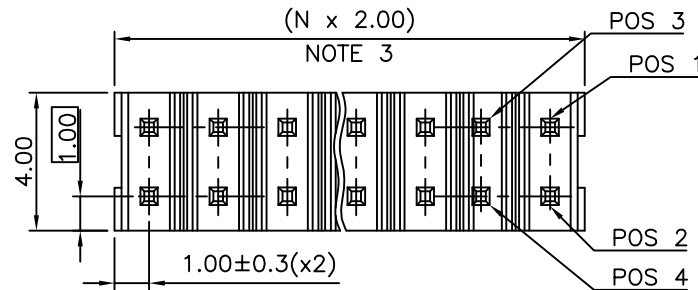
c - LABELLING:

- MEETS PACKAGING SPECS AS PER GS-14-920

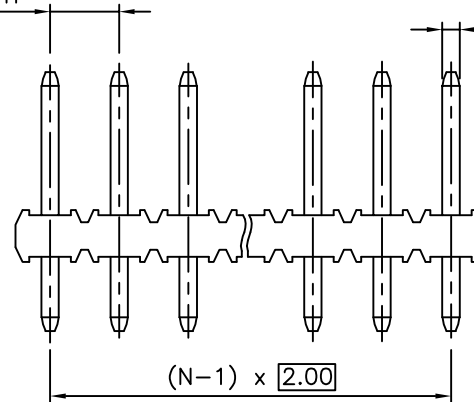
d - LEGAL STATEMENT: SEE GS-47-0004

9. OPTIONAL LETTER:

FOR FULL LOADED PRODUCT USE -
FOR POLARIZED VERSIONS, SEE TABLE



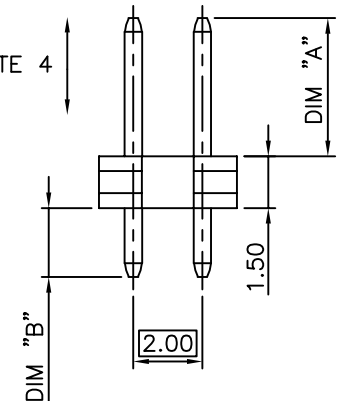
2.00 TYP



NOTE 3

SQUARE 0.51 REF

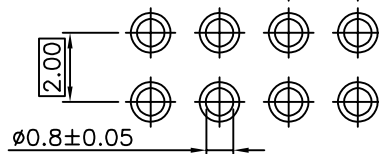
NOTE 4



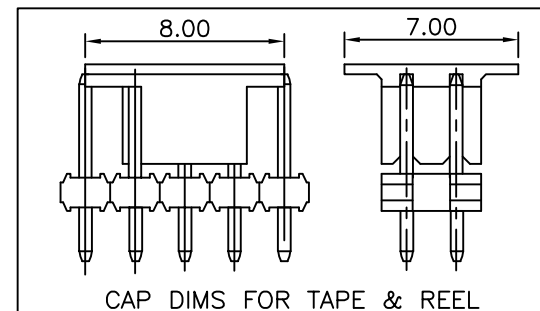
OPTIONAL LETTER FOR POLARIZED VERSION	MISSING PIN POSITION
A	20

2.00 TYP

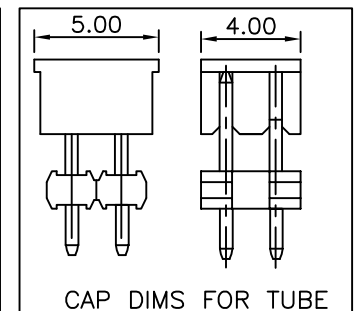
NON-ACCUMULATIVE



RECOMMENDED 1.6mm THICK PCB LAYOUT
STENCIL DESIGN RECOMMENDATIONS



CAP DIMS FOR TAPE & REEL



CAP DIMS FOR TUBE

mat'l. code				surface ☒ ISO 1302		tolerance ☒ ISO 406 ☒ ISO 1101		projection		product family MINITEK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		linear		mm		title	
H	B-19797	AMA	14.12.16	angles		.x ±0.3		scale 5:1		UNSHR.HEADER	
J	F-23051	AMA	16.01.15			.xx ±0.15				2.00 mm VERTICAL PIP	
K	F-26013	DDE	17.02.02			.xxx ±0.05				dwg no	
L	F-27930	DDE	17.09.11	dr	L MULIN	07.01.04			sheet 1 of 1		size
				enrg	J.COMPAGNON	07.01.04			10075024		A3
F	B-17556	JCO	14.04.23	chr					type		Drawing
G	B-19190	LMU	14.10.24	appd	JM.C	07.01.04					
sheet index	revision	sheet									

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

<u>10075024-F01-02LF</u>	<u>10075024-F01-03LF</u>	<u>10075024-G01-02LF</u>	<u>10075024-G01-03LF</u>	<u>10075024-S01-02LF</u>
<u>10075024-S01-03LF</u>	<u>10075024-F01-04ULF</u>	<u>10075024-F01-05ULF</u>	<u>10075024-F01-06ULF</u>	<u>10075024-F01-07ULF</u>
<u>10075024-F01-08ULF</u>	<u>10075024-F01-09ULF</u>	<u>10075024-F01-10ULF</u>	<u>10075024-F01-11ULF</u>	<u>10075024-F01-12ULF</u>
<u>10075024-F01-13ULF</u>	<u>10075024-F01-14ULF</u>	<u>10075024-F01-15ULF</u>	<u>10075024-F01-16ULF</u>	<u>10075024-F01-17ULF</u>
<u>10075024-F01-18ULF</u>	<u>10075024-F01-19ULF</u>	<u>10075024-F01-20ULF</u>	<u>10075024-F01-21ULF</u>	<u>10075024-F01-22ULF</u>
<u>10075024-F01-23ULF</u>	<u>10075024-F01-24ULF</u>	<u>10075024-F01-25ULF</u>	<u>10075024-G01-04ULF</u>	<u>10075024-G01-07ULF</u>
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<u>10075024-S01-04ULF</u>	<u>10075024-S01-05ULF</u>	<u>10075024-S01-06ULF</u>	<u>10075024-S01-07ULF</u>	<u>10075024-S01-08ULF</u>
<u>10075024-S01-09ULF</u>	<u>10075024-S01-10ULF</u>	<u>10075024-S01-11ULF</u>	<u>10075024-S01-12ULF</u>	<u>10075024-S01-13ULF</u>
<u>10075024-S01-14ULF</u>	<u>10075024-S01-15ULF</u>	<u>10075024-S01-16ULF</u>	<u>10075024-S01-17ULF</u>	<u>10075024-S01-18ULF</u>
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<u>10075024-S01-24ULF</u>	<u>10075024-S01-25ULF</u>	<u>10075024-F01-18ALF</u>	<u>10075024-F01-20ALF</u>	<u>10075024-F01-22ALF</u>
<u>10075024-G01-18ALF</u>	<u>10075024-G01-20ALF</u>	<u>10075024-G01-22ALF</u>	<u>10075024-G01-05ULF</u>	<u>10075024-G01-06ULF</u>
<u>10075024-G01-10ULF</u>	<u>10075024-G01-15ULF</u>	<u>10075024-G01-17ULF</u>	<u>10075024-F01-04PLF</u>	<u>10075024-F01-21PLF</u>
<u>10075024-F01-08PLF</u>	<u>10075024-F01-10ALF</u>	<u>10075024-F01-14PLF</u>	<u>10075024-F01A22ULF</u>	<u>10075024-F01-05PLF</u>
<u>10075024-F01-06PLF</u>	<u>10075024-F01-16PLF</u>	<u>10075024-F01-03PLF</u>	<u>10075024-G01-10PLF</u>	<u>10075024-G04-03ALF</u>
<u>10075024-G01-03ULF</u>	<u>10075024-F03-04ALF</u>			