

RoHS COMPATIBLE, SEE NOTE 10

S= SPECIFIC CUSTOMER PLATING OPTION.

COLOR OPTION, SEE NOTE 1

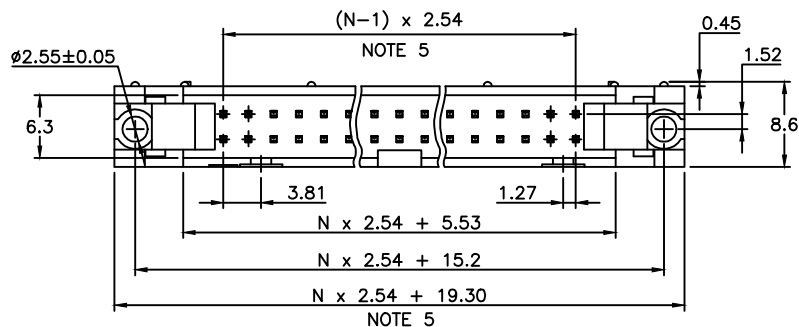
TOTAL NB OF POSITIONS, SEE SHEET 2

LATCHING

0= WITHOUT LATCH

1= STANDARD LATCH

2= LOW PROFILE LATCH



1 - HOUSING MATERIAL: GLASS FILLED THERMOPLASTIC UL94V-0
= STANDARD COLOR GREY
B = OPTION COLOR BLACK

- 2 - PIN MATERIAL : PHOSPHOR BRONZE
- 3 - PRODUCT PACKAGED IN TUBES
- 4 - 40N MIN LATCH RETENTION FORCE
AT FIRST EXTRACTION
- 5 - TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS N x 2.54 = 20.32mm
- 6 - NO CENTRAL SLOT ON POSITIONS 6 & 8
- 7 - NO LEFT POLARIZATION ON POSITIONS 06, 08, 10, 14.
- 8 - NO GROOVE ON POSITIONS 06, 08, 10, 14, 30, 34
- 9 - 4.5mm SOLDER TAIL
ORDER 71918-4XX (WITH STANDARD LATCH ONLY)
- 10 - RoHS COMPATIBLE PRODUCT SPECIFICATIONS

- "LF" MEANS THE PRODUCT IS LEAD-FREE,
2μm MINIMUM MATTE TIN OVER 1.27μm
MINIMUM NICKEL UNDERPLATE.

- 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.

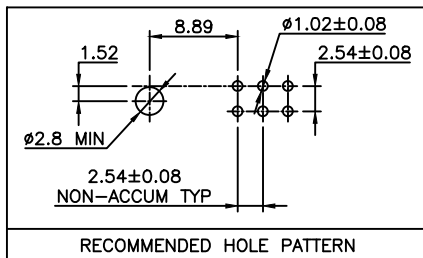
— MEETS PACKAGING SPECS AS PER GS-14-920




Technical drawing of a connector assembly. The drawing shows a side view of a component with a central slot and a latch on the right. Dimensions are provided in inches:

- Overall width: 17.4
- Overall height: 6.4
- Central slot width: 4.3
- Central slot depth: 0.62 SQUARE
- Left polarization feature height: 7.8
- Left polarization feature width: 3.31
- Right polarization feature height: 6.4
- Right polarization feature width: 5.15
- Bottom feature width: 2.54
- Bottom feature height: 0.45

Callouts and notes:

- TRIANGLE INDICATES POSITION 1
- CENTRAL SLOT NOTE 6
- LEFT POLARIZATION NOTE 7
- LATCH OPTIONAL SEE SHEET 2
- GROOVE NOTE 8



mat'l. code SEE NOTES					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family QUICKIE			
l	tr	ec	n	dr	date	tolerances unless otherwise specified		mm 		title SHR.EL.HEADER STR DR TMT				
Y	F12-0838	LMU			12.12.06	angles		linear						
AA	B-16776	LMU			14.01.23			.XX ±0.13						
AB	B-17853	LMU			14.06.05			.XXX ±0.05		scale 2:1				
AC	B-19091	LMU			14.10.16	dr		D.LE	01.01.24	<div></div>				
						engr		JM.C	01.01.24					
W	F09-0232	LMU			09.12.15	chr		JF.N	01.01.24					
X	F12-0011	LMU			12.02.06	appd		JM.C	01.01.24	dwg no 71918 sheet 1 of 2 size A3				
sheet index		revision sheet		AC	W					type CUSTOMER Drawing				
				1	2									



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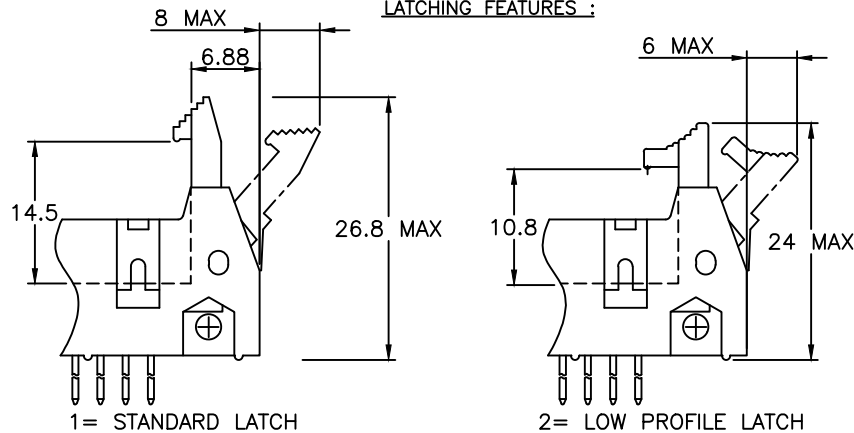
form: A3

PRODUCT NUMBER	SIZE	LATCHING AVAILABILITY	MISSING PIN POSITIONS
71918-X06(B)LF	2x3	0/1/2	
71918-X08(B)LF	2x4	0/1/2	
71918-X10(B)LF	2x5	0/1/2	
71918-X14(B)LF	2x7	0/1/2	
71918-X16(B)LF	2x8	0/1/2	
71918-X18(B)LF	2x9	0/1/2	
71918-X20(B)LF	2x10	0/1/2	
71918-X26(B)LF	2x13	0/1/2	
71918-X27(B)LF	2x13	0/1/2	PIN 21 & 22
71918-X28(B)LF	2x13	0/1/2	PIN 5 to 12
71918-X30(B)LF	2x15	0/1/2	
71918-X34(B)LF	2x17	0/1/2	
71918-X35(B)LF	2x17	0/1/2	PIN 2 & 3
71918-X40(B)LF	2x20	0/1/2	
71918-X44(B)LF	2x22	0/1/2	
71918-X50(B)LF	2x25	0/1/2	
71918-X51(B)LF	2x25	0/1/2	PIN 39 to 46
71918-X60(B)LF	2x30	0/1/2	
71918-X64(B)LF	2x32	0/1/2	

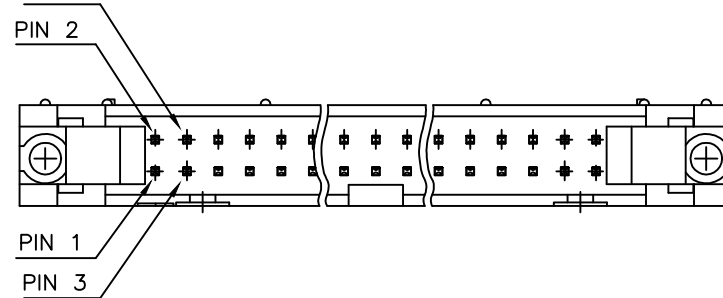
PLATING :

- 0.76µm GOLD/GXT
(PdNi WITH GOLD FLASH) ON CONTACT AREA
- 2µm MIN MATTE TIN ON TAIL
- UNDERPLATE : 1.27µm Ni MIN

LATCHING FEATURES :



PIN POSITION INDICATION FOR POLARIZED VERSIONS



mat'l. code				surface	tolerance	projection	product family
				ISO 1302	ISO 406 ISO 1101		QUICKIE
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
R	F07-0195	LMU	07.05.25	angles	.X ±0.3	mm	SHR.EL.HEADER
S	F08-0146	YOV	08.04.11	linear	.XX ±0.15		STR DR TMT
T	F12-0011	LMU	12.02.06		.XXX ±0.05	scale 2:1	
U	F12-0838	LMU	12.12.06	dr	D.LE		dwg no
V	B-16776	LMU	14.01.23	engr	JM.C		sheet 2 of - size
W	B-19091	LMU	14.10.16	chr	JF.N		71918 A3
				appd	JM.C		type
							CUSTOMER Drawing
sheet index	revision sheet						

Mouser Electronics

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71918-110