

PRODUCT NUMBER

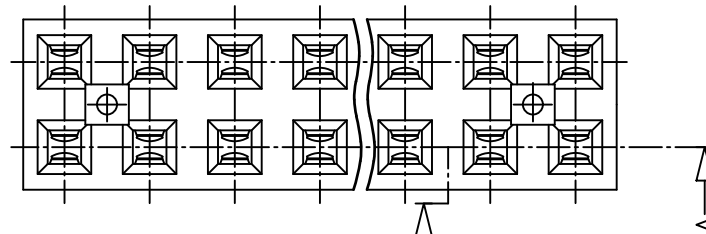
71966-YXXLF

PLATING, SEE TABLE BELOW
(AS AVAILABLE)

RoHS COMPATIBLE, SEE NOTE 5

PIN STYLE, SEE TABLE SHEET 2
(AS AVAILABLE)

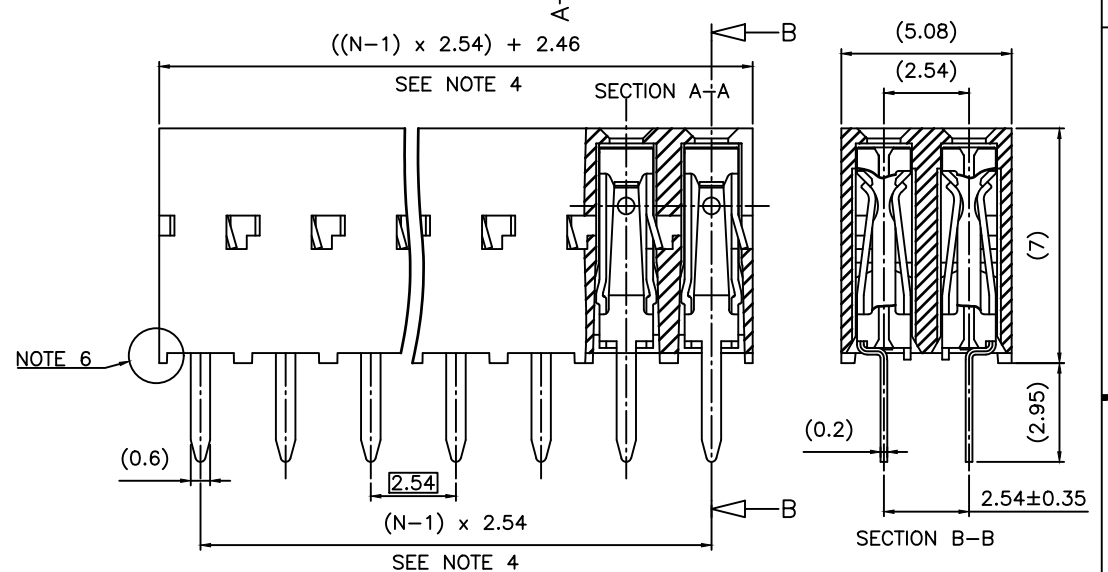
VIEW A



$((N-1) \times 2.54) + 2.46$

SEE NOTE 4

SECTION A-A



71966-4XXLF	5µm Sn	Sn
71966-3XXLF	0.76 µm GOLD	Sn
PLATING CODE	CONTACT AREA	SOLDER TAIL
	PLATING THICKNESS OVER 1.27µm Ni	

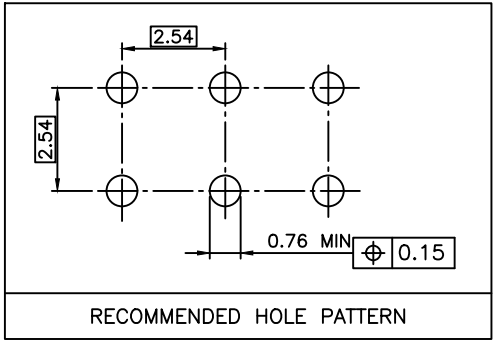
NOTES :

- 1 - MATERIAL HOUSING: THERMOPLASTIC POLYESTER 30% GLASS FILLED COLOUR BLUE. FLAME RETARDANT PER UL-94 CATEGORY V0.
- 2 - MATERIAL TERMINAL: PHOSPHOR BRONZE EXTRA HARD.
- 3 - PRODUCT PACKAGED IN TUBES
- 4 - TO DETERMINE DIMENSIONS : N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS N x 2.54 = 20.32mm
- 5 - 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 ±5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.
 - c - LABELING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - d - LEGAL STATEMENT: SEE GS-47-0004
- 6 - END STAND-OFFS FOR 2x2 UP TO 2X4 POS
NO END STAND-OFFS FOR 2x5 UP TO 2x50 POS
- 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 mm		product family DX VCC DR	
ltr	ecn no	dr	date	tolerances unless otherwise specified		±0.3		mm		title TOP ENTRY SELECTED LOADED	
S	F-39668	DDE	21.01.15	angles	linear			scale 10:1		dwg no 71966	
T	F-55071	DDE	25.03.20							sheet 1 of 2 size A3	
M	B-17352	LMU	14.03.31	dr	P.NIZZI	96.04.02					
N	B-19123	LMU	14.10.21	enr	JM.PHAMVAN	96.04.02					
P	B-19232	LMU	14.10.28	chr	P.NIZZI	96.04.02					
R	F-24429	LMU	16.07.01	appd	JM.PHAMVAN	96.04.02					
sheet	revision	T	A								
index	sheet	1	2								

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PRODUCT NUMBER	HOUSING NB OF POS	CONTACT PLACED IN CAVITY (TABLE ACCORDING VIEW A)																																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32			
71966-Y01LF	2 x 32	X	X	X	X						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
71966-Y02LF	2 x 12	X	X	X	X	X	X	X	X	X	X	X	X																							
71966-Y03LF	2 x 17	X	X	X	X	X	X	X	X	X	X	X												X	X											
71966-Y04LF	2 x 17	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
71966-Y05LF	2 x 17	X	X	X		X	X	X	X	X	X	X													X	X										
71966-Y06LF	2 x 14	X	X	X	X	X					X	X	X	X	X	X																				
71966-Y07LF	2 x 18	X	X	X	X	X				X		X	X														X	X	X							
71966-Y08LF	2 x 18	X	X	X	X	X	X	X	X	X	X	X																								
71966-Y09LF	2 x 19	X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		X		
71966-Y10LF	2 x 05	X	X		X	X																														
71966-Y11LF	2 x 25	X	X	X	X	X	X	X	X		X	X		X	X		X	X		X	X		X	X		X	X		X	X		X	X		X	
71966-Y12LF	2 x 30	X	X	X		X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
71966-Y13LF	2 x 04	X			X																															



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ltr	ecn no	dr	date	tolerances unless otherwise specified		±0.3		mm		title TOP ENTRY SELECTED LOADED			
A	F-55071	DDE	25.03.20	angles		linear		scale 10:1		dwg no 71966		sheet 2 of 2 A3	
				dr		P.NIZZI 96.04.02				type CUSTOMER		Drawing	
				enrg		JM.PHAMVAN 96.04.02							
				chr		P.NIZZI 96.04.02							
				appd		JM.PHAMVAN 96.04.02							
sheet index		revision sheet											