

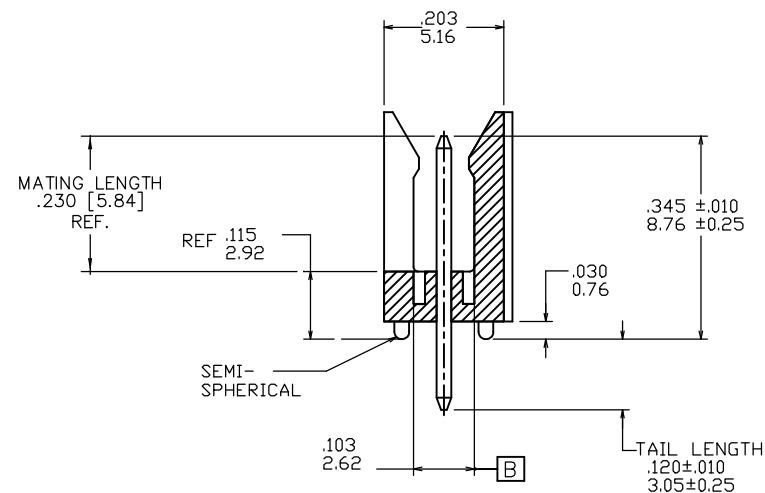
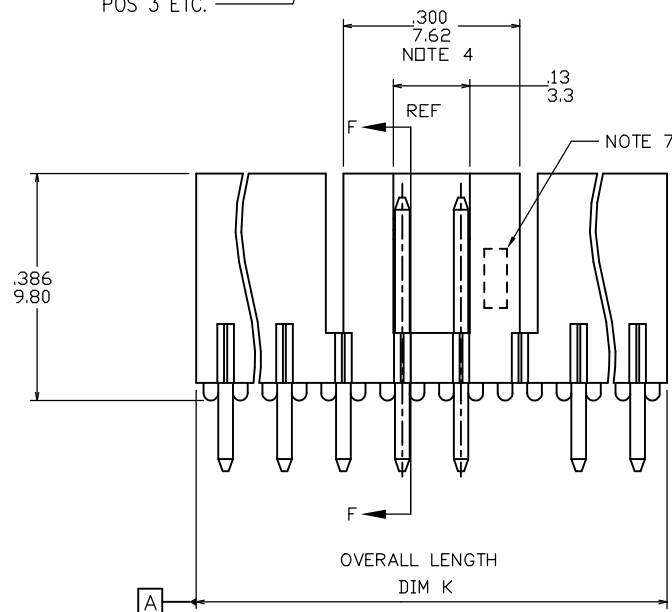
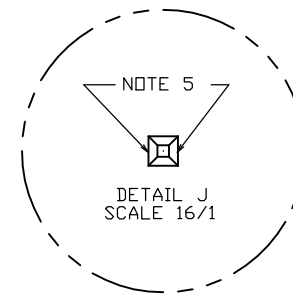
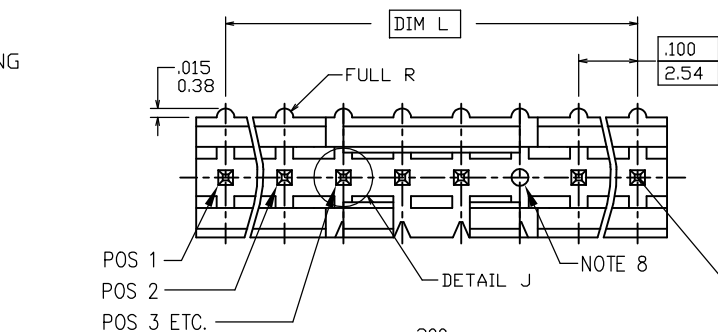
PRODUCT NO.
87800-XYHLF

LEAD FREE OPTION
NOTE 8, 9, 10

SEE TABLE

PIN PLATING

BASE PART
NUMBER



Mat'l. code NOTES 1 & 2				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection inch/mm	product family			
M	ELX-N-11987	JZ	05/31/12	tolerances unless otherwise specified		scale 1:1	title FRICTION LATCH HEADER POLARIZED, SINGLE ROW VERT			
N	ELX-N-37212	M.Z	05/29/20	angles	linear					
				0°±2°			dwg no 87800			
				dr	ZK HU	06/14/13				
				enr	ZK HU	06/14/13	type Product Customer Drawing			
				chr	RICK BIAN	06/14/13				
				appd	RICK BIAN	06/14/13	sheet 1 of 2			
sheet index	revision	B	B							
	sheet	1	2				size A3			

PRODUCT NUMBER	NO OF POS	DIM K OVERALL LENGTH	DIM L	POLARIZED POSITION
87800-X01	1 X 3	.300/ 7.62	.200/ 5.08	3
-X02	1 X 4	.400/10.16	.300/ 7.62	3
-X03	1 X 5	.500/12.70	.400/10.16	4
-X04	1 X 6	.600/15.24	.500/12.70	5
-X05	1 X 7	.700/17.78	.600/15.24	6
-X06	1 X 8	.800/20.32	.700/17.78	7
-X07	1 X 9	.900/22.86	.800/20.32	8
-X08	1 X 12	1.200/30.48	1.100/27.94	11
-X09	1 X 13	1.300/33.02	1.200/30.48	12
-X10	1 X 8	.800/20.32	.700/17.78	6
-X11	1 X 4	.400/10.16	.300/ 7.62	1
-X12	1 X 4	.400/10.16	.300/ 7.62	2 & 3
87800-X13	1 X 4	.400/10.16	.300/ 7.62	2

PIN PLATING CODES	
-1YY	30u"/.76u MIN (SEE NOTE 11) 50u"/1.27u Ni
-2YY	15u"/.38u MIN (SEE NOTE 11) 50u"/1.27u Ni
-3YY	50u"/1.27u MIN (SEE NOTE 11) 50u"/1.27u Ni
-4YY	100u"/2.54u MIN Sn 50u"/1.27u Ni (SEE NOTE 12)
-4YYHLF	
-5YY	15u"/.38u MIN (SEE NOTE 11) 50u"/1.27u Ni
-6YY	30u"/.76u MIN (SEE NOTE 11) 50u"/1.27u Ni
-7YY	30u"/.76u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni
-8YY	15u"/.38u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni

NOTES:

1. MOLDING MAT'L: GLASS REINFORCED HTN OR MINERAL FILLED LCP COLOR: BLACK
FLAME RETARDANT PER UL 94V-0
MAXIMUM OPERATING TEMPERATURE: 130° C

2. PIN MATERIAL: 3/4 HD PHOS. BRZ.

3. NO SLOTS ON 2 X 5 POSITION OR SMALLER
PRODUCT. THE CENTER KEY SLOT WILL BE
ON ALL HEADERS REGARDLESS OF SIZE.

4. TWO NON-CRITICAL SIDES OF PIN TIP
NOT PLATED, BOTH ENDS.

5. POSITION NUMBERS NOT SHOWN ON PART.

6. COMPANY LOGO MAY APPEAR IN THIS AREA.

7. PINS OMITTED FROM INDICATED POSITIONS
FOR POLARIZATION (SEE TABLE).

8. ADD "HLF" SUFFIX AT THE END OF PART NUMBER FOR
LEAD FREE OPTION, NOT AVAILABLE FOR -5YY, -5YYH,
-6YY & -6YYH.

9. PART NUMBERS WITH "H" SUFFIX WILL WITHSTAND
EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS
IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER
PROCESS.

PART NUMBERS WITHOUT "H" SUFFIX WILL WITHSTAND
EXPOSURE TO 260°C PEAK TEMPERATURE FOR WAVE SOLDER
PROCESS.

10. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

11. PLATING OPTIONS:
PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON CONTACT OR TAIL,
OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.

12. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE
AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL
INTERCONNECT ENVIRONMENTS."

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ltr	ecr no	dr	date	tolerances unless otherwise specified						title							
N				angles		linear		inch/mm 		FRICTION LATCH HEADER							
										POLARIZED, SINGLE ROW VERT							
				0±2°				scale 1:1									
				dr		ZK HU		06/14/13		Amphenol FCI		dwg no		sheet 2 of 2		size	
				enr		ZK HU		06/14/13				87800		A3			
				chr		RICK BIAN		06/14/13									
				appd		RICK BIAN		06/14/13				type Product Customer Drawing					
sheet index		revision sheet															