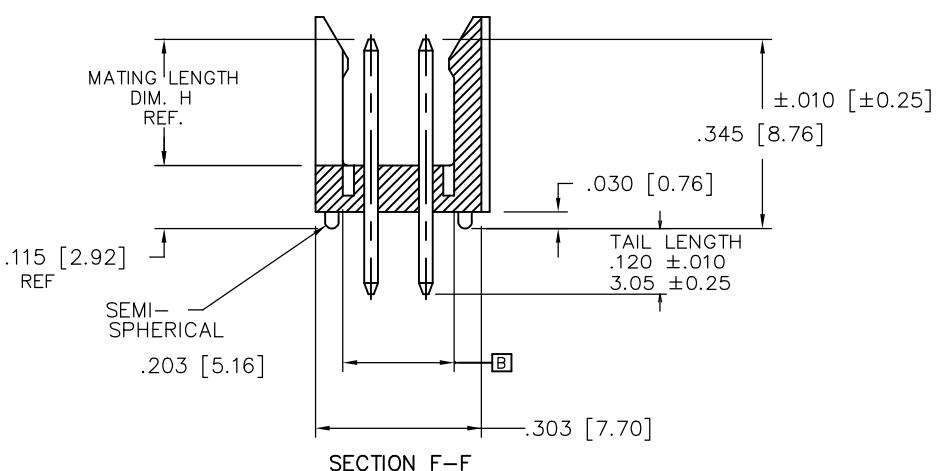
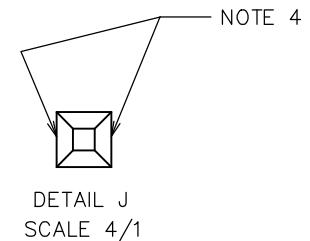
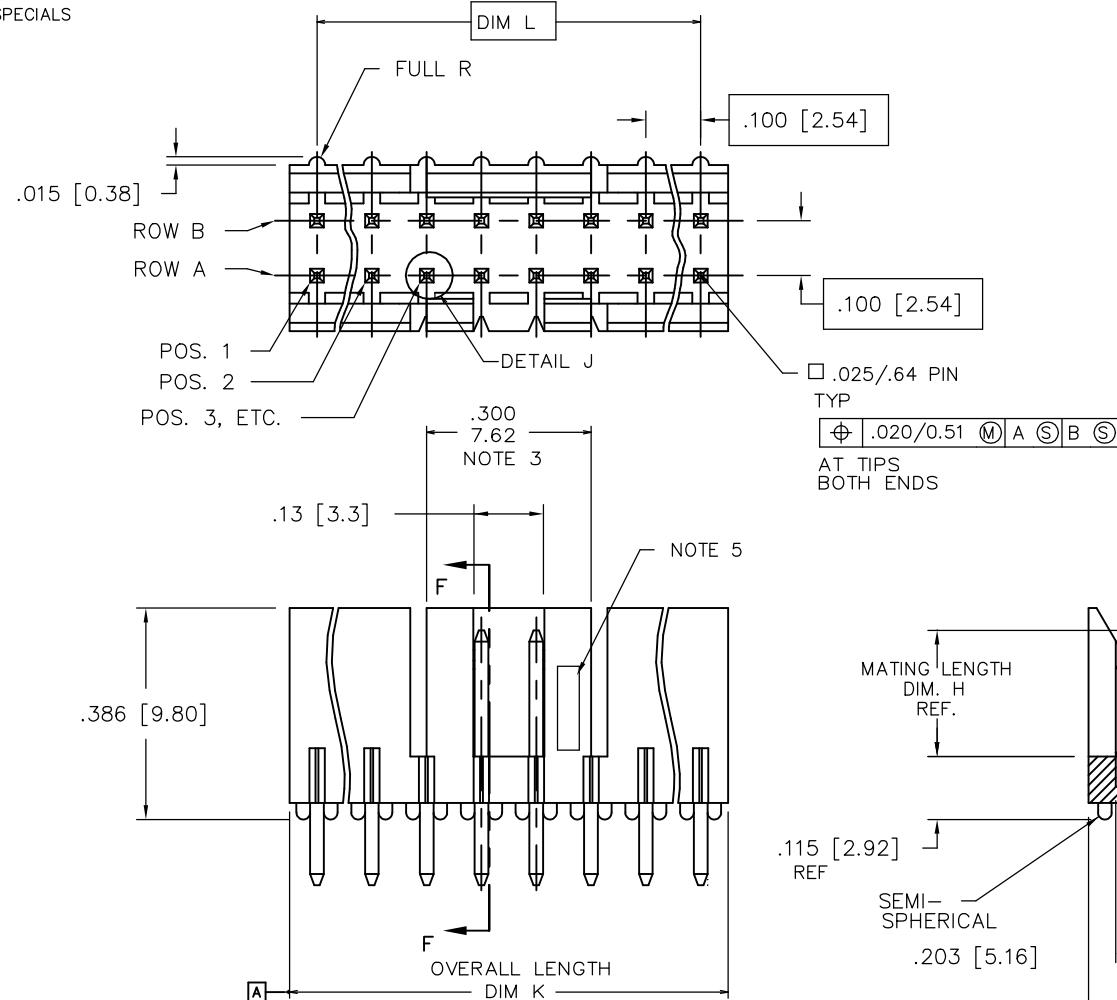


PRODUCT NUMBER  
69168-XYZHLF  
1 LEAD FREE OPTION  
SEE NOTE 7, 8, 9  
2 CUSTOMER SPECIALS  
SEE NOTE 6  
3 NO. OF POS.  
SEE TABLE  
4 PIN PLATING  
5 BASE P/N



Mat'l. code N O T E S 1 & 2				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
M	ELX-N-011899	JZ	05/31/12	angles	XXX.01/XXX.03	inch/mm	
N	ELX-N-37212	M.Z	05/29/20	linear	XXX.005/XXX.013	linear	FRICITION LATCH HEADER DOUBLE ROW VERTICAL
				0°±2°	XXX.002/XXX.005	scale 1:1	
		dr	L.SADERS	5/3/95			
		engr	L.FYE	5/3/95			
		chr	T.BREWBAKER	5/3/95			
		oppd	L.FYE	5/3/95			
sheet	revision	N	N				
index	sheet	1	2				
dwg no sheet 1 of 2 size							
69168 A3							
type Product Customer Drawing							

PRODUCT NUMBER	NO.OF POS.	MATING LENGTH DIM H	OVERALL LENGTH DIM K	DIM L	NOTES
69168-X06	2 X 3	0.230/5.84	0.300/7.62	0.200/5.08	
↑ -X08	2 X 4	0.230/5.84	0.400/10.16	0.300/7.62	
-X08A	2 X 4	0.210/5.33	0.400/10.16	0.300/7.62	NOTE 6
-X10	2 X 5	0.230/5.84	0.500/12.70	0.400/10.16	
-X10A	2 X 5	0.210/5.33	0.500/12.70	0.400/10.16	NOTE 6
-X12	2 X 6	0.230/5.84	0.600/15.24	0.500/12.70	
-X14	2 X 7	0.230/5.84	0.700/17.78	0.600/15.24	
-X16	2 X 8	0.230/5.84	0.800/20.32	0.700/17.78	
-X16A	2 X 8	0.210/5.33	0.800/20.32	0.700/17.78	NOTE 6
-X18	2 X 9	0.230/5.84	0.900/22.86	0.800/20.32	
-X18A	2 X 9	0.210/5.33	0.900/22.86	0.800/20.32	NOTE 6
-X20	2 X 10	0.230/5.84	1.000/25.40	0.900/22.86	
-X22	2 X 11	0.230/5.84	1.100/27.94	1.000/25.40	
-X24	2 X 12	0.230/5.84	1.200/30.48	1.100/27.94	
-X26	2 X 13	0.230/5.84	1.300/33.02	1.200/30.48	
↓ -X28	2 X 14	0.230/5.84	1.400/35.56	1.300/33.02	
69168-X30	2 X 15	0.230/5.84	1.500/38.10	1.400/35.56	

## PIN PLATING CODES

PIN PLATING CODES	
-1YY	30u"/.76u (SEE NOTE 10) 50u"/1.27u Ni
-2YY	15u/.38u (SEE NOTE 10) 50u"/1.27u Ni
-3YY	50u"/1.27u (SEE NOTE 10) 50u"/1.27u Ni
-4YY	100u"/2.54u MIN Sn 50u"/1.27u Ni (SEE NOTE 11)
-4YYHFL	
-5YY	15u"/.38u (SEE NOTE 10) 50u"/1.27u Ni
-6YY	30u"/.76u (SEE NOTE 10) 50u"/1.27u Ni
-7YY	30u"/.76u (SEE NOTE 10) OVER 50u"/1.27u Ni
-8YY	15u"/.38u (SEE NOTE 10) OVER 50u"/1.27u Ni

## NOTES:

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

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.

6. COMPANY LOGO MAY APPEAR IN THIS AREA.  
6. CUSTOMER SPECIAL -- "A" SUFFIX INDICATES  
0.210/5.33 MATING LENGTH.

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

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

THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND  
THER COUNTRY REGULATION AS DESCRIBED IN GS-22-208

① PLATING OPTIONS:  
PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON CONTACT OR TAIL,  
OPTIONALLY (78~295μ"/2~7.5μ) TIN ON TAIL.

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

Mat'l. code NOTES 1 & 2				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family			
ltr	ecn no	dr	date	tolerances unless otherwise specified				title		
N				angles	linear	inch/mm	FRICTION LATCH HEADER DOUBLE ROW VERTICAL			
					0.042"					
				dr	L.SADERS	5/3/95		dwg no 69168	sheet 2 of 2 size A3	
				engr	L.FYE	5/3/95				
				chr	T.BREWBAKER	5/3/95				
				appd	L.FYE	5/3/95				
sheet	revision									
index	sheet									