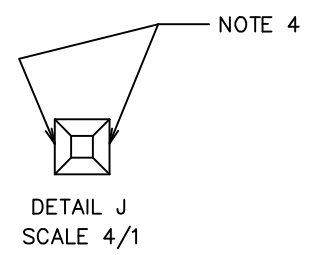
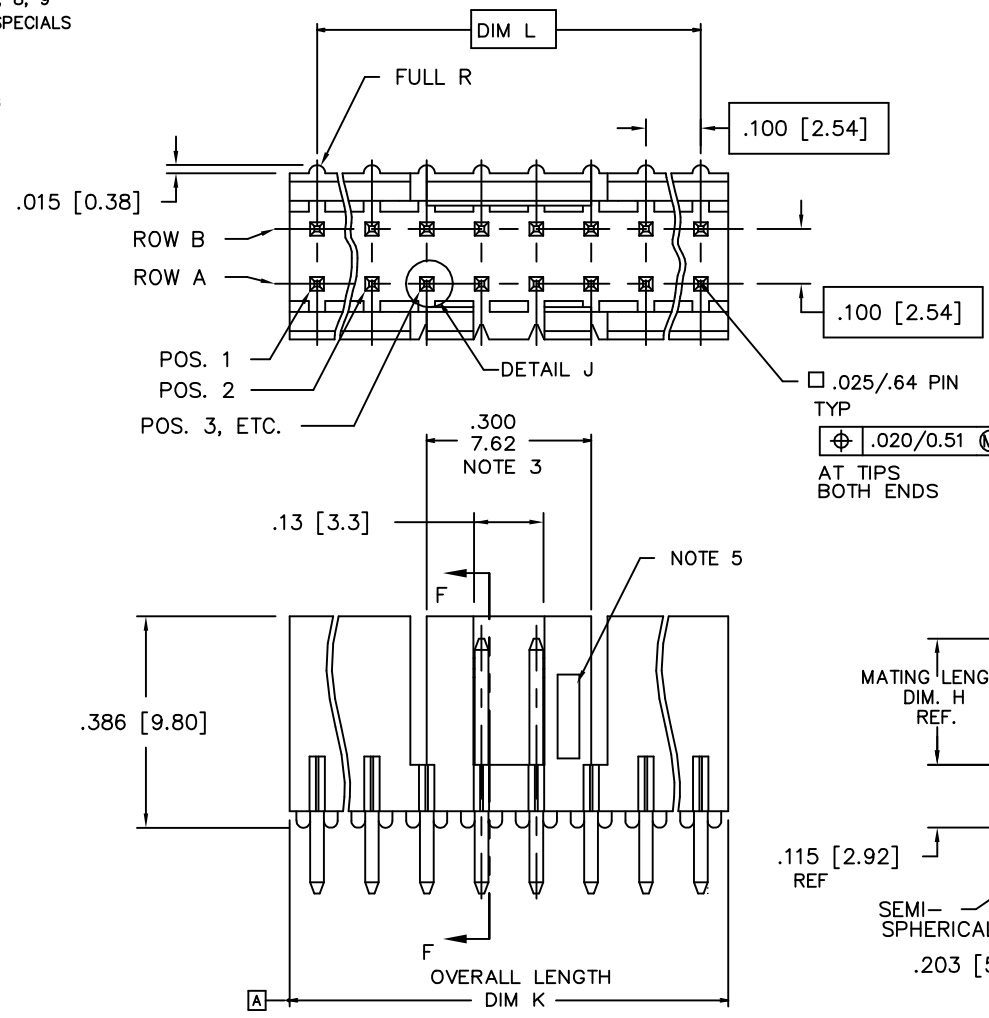
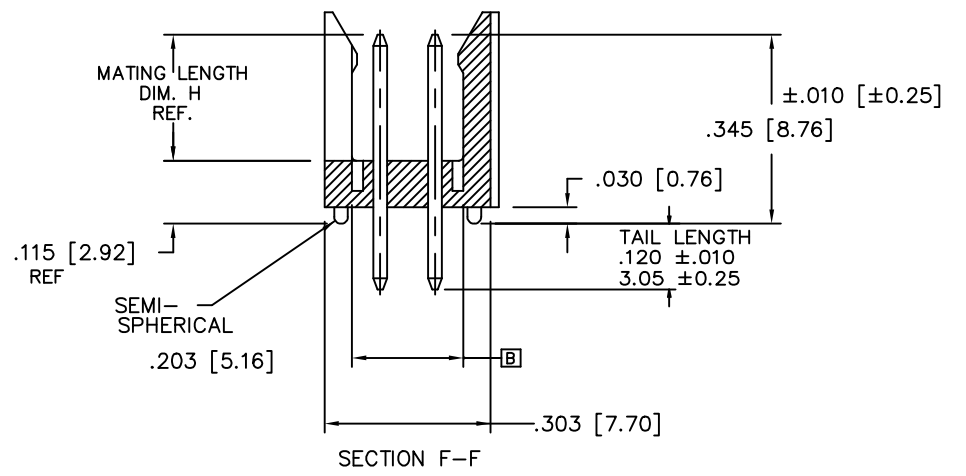



PRODUCT NUMBER  
69168-XYZHLF

- LEAD FREE OPTION  
SEE NOTE 7, 8, 9
- CUSTOMER SPECIALS  
SEE NOTE 6
- NO. OF POS.  
SEE TABLE
- PIN PLATING
- BASE P/N



□ .025/.64 PIN  
TYP  
⌀ .020/0.51 (M) A (S) B (S)  
AT TIPS  
BOTH ENDS



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			
M ELX-N-01899 JZ 05/31/12				angles		linear		inch/mm		FRICTION LATCH HEADER DOUBLE ROW VERTICAL			
N ELX-N-37212 M.Z 05/29/20													
P ELX-N-41840 M.X 07/28/20				0°±2°									
R ELX-N-52600 M.Z 08/21/24				dr		L.SADERS		5/3/95		dwg no sheet 1 of 2 size			
S ELX-N-52912 M.Z 09/13/24				enr		L.FYE		5/3/95		Amphenol FCI 69168 A3			
				chr		T.BREWBAKER		5/3/95					
				appd		L.FYE		5/3/95					
sheet index		revision		S S						type Product Customer Drawing			
		sheet		1 2									

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	

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
- PIN MATERIAL: 3/4 HD PHOS. BRZ.
- NO SLOTS ON 2 X 5 POSITION OR SMALLER  
PRODUCT. THE CENTER KEY SLOT WILL BE ON  
ALL HEADERS REGARDLESS OF SIZE.
- TWO NON-CRITICAL SIDES OF PIN TIP  
NOT PLATED, BOTH ENDS.
- COMPANY LOGO MAY APPEAR IN THIS AREA.
- CUSTOMER SPECIAL -- "A" SUFFIX INDICATES  
0.210/5.33 MATING LENGTH.
- ADD "HLF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- 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.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND  
OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- PLATING OPTIONS:  
PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON CONTACT OR TAIL,  
OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.
- "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE  
AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL  
INTERCONNECT ENVIRONMENTS."

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)
-4YYHLF	
-7YY	30u"/.76u (SEE NOTE 10) OVER 50u"/1.27u Ni
-8YY	15u"/.38u (SEE NOTE 10) OVER 50u"/1.27u Ni

Mat'l. code NOTES 1 & 2		surface ISO 1302 ✓	tolerance ISO 1101	projection 	product family	
ltr	ecn no	dr	date	tolerances unless otherwise specified	title	
S				angles	FRICION LATCH HEADER	
				linear	DOUBLE ROW VERTICAL	
				0°±2°	scale 1:1	
		dr	L.SADERS	5/3/95	dwg no	
		enr	L.FYE	5/3/95	sheet 2 of 2	
		chr	T.BREWBAKER	5/3/95	69168	
		appd	L.FYE	5/3/95	type Product Customer Drawing	
sheet index	revision sheet					