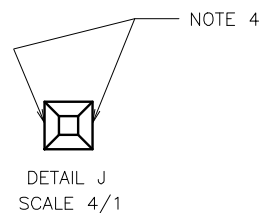
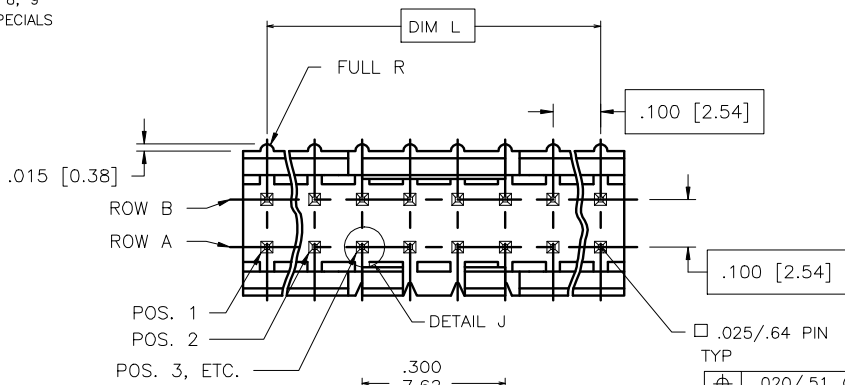
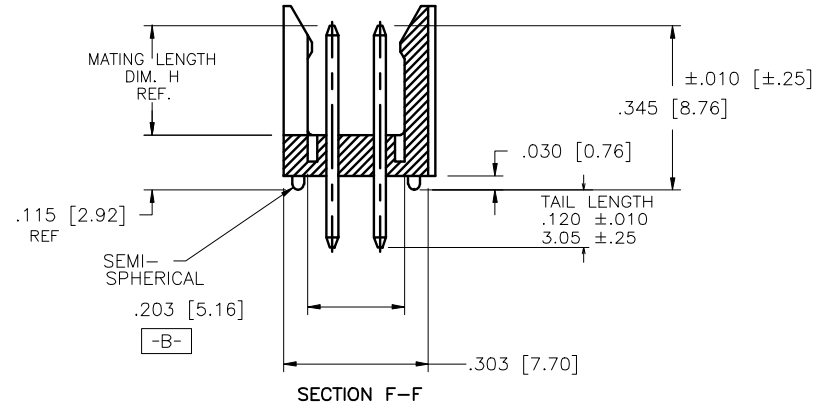
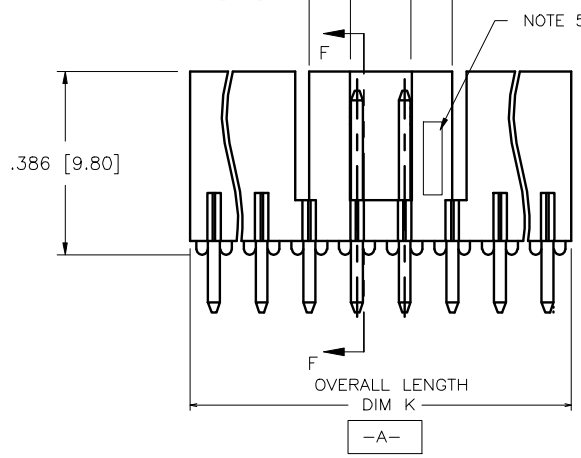


PRODUCT NUMBER
69168-XYZHLF

- 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
AT TIPS BOTH ENDS



mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family HEADER
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
E	V71470	HTB	10/9/97	angles	linear	XX±.01/XX±0.3	FRICTION LATCH HEADER DOUBLE ROW VERTICAL
F	V71803	HTB	11/21/97	linear	linear	XXX±.006/XXX±0.13	
G	V03-0352	GJP	03/25/03	0'±2'	linear	XXXX±.0020/XXXX±0.05	
H	M05-0134	ERE	06/15/03	dr	L.SADERS	5/3/95	dwg no
J	M06-0256	MHT	9/07/06	engr	L.FYE	5/3/95	sheet 1 of 2 size
K	M08-0023	MHT	1/28/08	chr	T.BREWBAKER	5/3/95	69168 A3
L	M08-0291	MHT	10/06/08	appd	L.FYE	5/3/95	type Product Customer Drawing
sheet	revision	L	L	L	L	L	
index	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:

1. MOLDING MAT'L: GLASS REINFORCED PCT, 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.

⑤ COMPANY LOGO MAY APPEAR IN THIS AREA.

⑥ CUSTOMER SPECIAL -- "A" SUFFIX INDICATES 0.210/5.33 MATING LENGTH.

⑦ ADD "HLF" 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.

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

⑨ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

⑩ PLATING OPTIONS: MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

⑪ "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 Au 50u"/1.27u Ni
-4YY	100u"/2.54u MIN Sn 50u"/1.27u Ni (SEE NOTE 11)
-4YYHLF	
-5YY	15u"/.38u (SEE NOTE 10) 50u"/1.27u Ni
-6YY	30u"/.76u (SEE NOTE 10) 50u"/1.27u Ni
-7YY	30u"/.76u Au OVER 50u"/1.27u Ni
-8YY	15u"/.38u Au OVER 50u"/1.27u Ni

mat'l. code		surface ISO 1902	tolerance ISO 406 ISO 1101	projection INCH/MM	product family HEADER
ltr	ecn no	dr	date	title FRICTION LATCH HEADER DOUBLE ROW VERTICAL	
L				scale 3:1	
				sheet 2 of 2 size A3	
				dwg no 69168	
				type Product Customer Drawing	
sheet index	revision sheet				