

PRODUCT NUMBER		MATING LENGTH		TAIL LENGTH		BEND DIM				LEAD FREE	LEAD FREE
	NO. OF	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	PIN PLATING	POLARIZED	PIN PLATING	OPTION
	POS.	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	CODE	POSITION	CODE	
68450-001			J N A \$ S I G N E D								NOTE 4, 5
68450-002	8	0.318	8.08	0.110	2.79	0.060	1.52	2	7	2	
68450-003	7	0.318	8.08	0.110	2.79	0.060	1.52	2	3	2	
68450-004	32	0.318	8.08	0.110	2.79	0.060	1.52	2	2-5-9-20-26-31	2	
68450-005	5	0.230	5.84	0.195	4.95	0.160	4.06	1	4	1	
68450-006	17	0.135	3.43	0.305	7.75	0.135	3.43	4	9	4LF	
68450-007	10	0.135	3.43	0.305	7.75	0.135	3.43	4	6	4LF	
68450-008	12	0.318	8.08	0.110	2.79	0.060	1.52	2	7	2	
68450-009			N O T A V A I L A B L E								
68450-010	11	0.230	5.84	0.120	3.05	0.060	1.52	1	2-5	1	
68450-011	7	0.230	5.84	0.090	2.29	0.060	1.52	1	5	1	
68450-012	6	0.230	5.84	0.090	2.29	0.060	1.52	1	5	1	
68450-013	6	0.230	5.84	0.090	2.29	0.060	1.52	1	4	1	
68450-014	6	0.120	3.05	0.185	4.70	0.149	3.78	4	5	4LF	
68450-015	4	0.230	5.84	0.120	3.05	0.060	1.52	4	2	4LF	
68450-016	4	0.230	5.84	0.090	2.29	0.060	1.52	3	2	3	
68450-017	12	0.230	5.84	0.090	2.29	0.060	1.52	1	2	1	
68450-018	5	0.230	5.84	0.090	2.29	0.060	1.52	3	2	3	
68450-019	6	0.230	5.84	0.090	2.29	0.060	1.52	1	3	1	
68450-020	9	0.230	5.84	0.120	3.05	0.060	1.52	1	2	1	
68450-021	12	0.318	8.08	0.120	3.05	0.060	1.52	4	2	4LF	
68450-022	8	0.318	8.08	0.120	3.05	0.060	1.52	2	3	2	
68450-023	7	0.318	8.08	0.110	2.79	0.060	1.52	2	2	2	
68450-024	8	0.318	8.08	0.120	3.05	0.060	1.52	2	6	2	
68450-025	25	0.110	2.79	0.230	5.84	0.135	3.43	4	3-21	4LF	
68450-026	14	0.135	3.43	0.295	7.49	0.135	3.43	1	5	1	
68450-027	19	0.230	5.84	0.195	4.95	0.160	4.06	2	ALL EVEN	2	NOTE 4, 5

NOTE

1. FOR PRODUCT GEOMETRY AND GENERAL INFORMATION SEE DRAWING 93198.
2. ANY NUMBER OF POSITIONS FROM 2 THROUGH 36.
3. PACKAGED IN POLY BAGS ONLY.
4. ADD "HLF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
5. THESE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
6. 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.

BODY MATERIAL:

BERGSTIK: MANUFACTURER'S OPTION OF NYLON, PCT
GLASS FIBER REINFORCED, FLAME RETARDENT PER UL-94V-0.
COLOR : BLACK OR
MINERAL FILLED LCP, FLAME RETARDENT PER UL-94V-0.
COLOR BLACK.

7. PLATING OPTIONS:
PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL, OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.
8. *THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS.*

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101	projection 	product family Bergstik			
ltr	ecn no	dr	date	tolerances unless otherwise specified				title			
BT	N11-0118	J.Z	2011-04-22	angles	linear	.XX±.01/.X±0.3	INCH/MM	BERGSTIK® II HEADER R/A .100/2.54cc SR POLARIZED			
BU	ELX-N-16105	ZK	2013-10-22			.XXX±.005/.XX±0.13					
					0°±2°	.XXXX±.0020/.XXX±0.051	scale 1: 1	dwg no 68450			
				dr		T.BREWBAKER	1/13/95				
				enr		T.HANNA	1/13/95	sheet 1 of 4			
				chr		T.HANNA	1/13/95				
				appd		T.HANNA	1/13/95	size A4			
sheet	revision	BU	BU	BU	BU						
index	sheet	1	2	3	4			type PRODUCT CUSTOMER Drawing			



PRODUCT NUMBER		MATING	LENGTH	TAIL LENGTH	BEND DIM					LEAD FREE	LEAD FREE
	NO. OF	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	PIN PLATING	POLARIZED	PIN PLATING	OPTION
	POS.	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	CODE	POSITION	CODE	
68450-028	14	0.120	3.05	0.295	7.49	0.135	3.43	1	5	1	NOTE 4, 5
68450-029	19	0.230	5.84	0.120	3.05	0.060	1.52	2	ALL EVEN	2	
68450-030	5	0.120	3.05	0.230	5.84	0.135	3.43	4	4	4LF	
68450-031	18	0.230	5.84	0.120	3.05	0.060	1.52	1	7	1	
68450-032	10	0.230	5.84	0.120	3.05	0.060	1.52	1	8	1	
68450-033	19	0.230	5.84	0.120	3.05	0.060	1.52	1	3-4-6-7-12	1	
68450-034	20	0.230	5.84	0.090	2.29	0.060	1.52	4	4	4LF	
68450-035	14	0.230	5.84	0.120	3.05	0.060	1.52	1	7	1	
68450-036	8	0.100	2.54	0.120	3.05	0.060	1.52	4	2	4LF	
68450-037	3	0.110	2.79	0.230	5.84	0.135	3.43	1	3	1	
68450-038	3	0.110	2.79	0.230	5.84	0.135	3.43	1	1	1	
68450-039	19	0.120	3.05	0.185	4.70	0.149	3.78	1	ALL EVEN	1	
68450-040	3	0.230	5.84	0.090	2.29	0.060	1.52	1	1	1	
68450-041	8	0.230	5.84	0.100	2.54	0.060	1.52	4	5	4LF	
68450-042	8	0.230	5.84	0.100	2.54	0.060	1.52	4	3	4LF	
68450-043	12	0.230	5.84	0.120	3.05	0.060	1.52	3	5-11	3	
68450-044	7	0.230	5.84	0.120	3.05	0.060	1.52	4	5	4LF	
68450-045	8	0.135	3.43	0.135	3.43	0.135	3.43	2	3	2	
68450-046	5	0.230	5.84	0.120	3.05	0.060	1.52	1	4	1	
68450-047	11	0.230	5.84	0.090	2.29	0.060	1.52	1	3	1	
68450-048	8	0.135	3.43	0.305	7.75	0.135	3.43	2	6	2	
68450-049	10	0.120	3.05	0.100	2.54	0.060	1.52	4	2-4-5-7-9	4LF	
68450-050	5	0.230	5.84	0.120	3.05	0.060	1.52	1	2	1	
68450-051	9	0.230	5.84	0.120	3.05	0.060	1.52	4	2-3-5-6-8	4LF	
68450-052	5	0.230	5.84	0.090	2.29	0.060	1.52	4	2	4LF	
68450-053	10	0.230	5.84	0.120	3.05	0.060	1.52	2	8	2	
68450-054	10	0.230	5.84	0.120	3.05	0.060	1.52	4	8	4LF	

NOTE 4, 5

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection 		product family Bergstik					
ltr		ecn no		dr		date		tolerances unless otherwise specified		title		sheet 2 of 4		size	
BU								angles		BERGSTIK® II HEADER R/A					
								linear		.XX±.01/.X±0.3					
								0°±2°		.XXX±.005/.XX±0.13					
										.XXX±.0020/.XXX±0.051					
								dr		T.BREWBAKER		1/13/95			
								engr		T.HANNA		1/13/95			
								chr		T.HANNA		1/13/95			
								appd		T.HANNA		1/13/95			
sheet index		revision sheet										type		PRODUCT CUSTOMER Drawing	



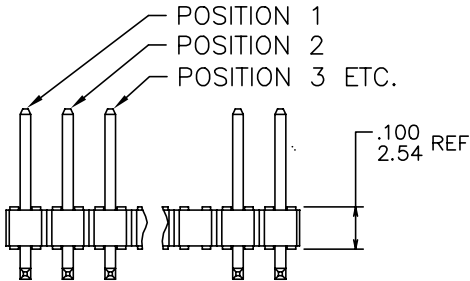
PRODUCT NUMBER		MATING	LENGTH	TAIL	LENGTH	BEND	DIM			LEAD FREE	LEAD FREE
	NO. OF	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	PIN PLATING	POLARIZED	PIN PLATING	OPTION
	POS.	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	CODE	POSITION	CODE	
68450-055	10	0.230	5.84	0.120	3.05	0.060	1.52	1	8	1	NOTE 4, 5 ↑ OB OB ↑ NOTE 4, 5
68450-056	5	0.318	8.08	0.090	2.29	0.160	4.06	3	4	3	
68450-057H	8	0.120	3.05	0.230	5.84	0.060	1.52	2	2	2	
68450-058H	12	0.318	8.08	0.120	3.05	0.060	1.52	2	2	2	
68450-059H	6	0.230	5.84	0.085	2.16	0.060	1.52	4	2-3-4	4LF	
68450-060H	25	0.230	5.84	0.290	7.37	0.060	1.52	1	3-5-8-9-12-13-16-19-20	1	
68450-061H	3	0.230	5.84	0.090	2.29	0.060	1.52	1	2	1	
68450-062	5	0.275	6.99	0.120	3.05	0.060	1.52	2	2	2	
68450-063H	5	0.318	8.08	0.120	3.05	0.060	1.52	4	2	4LF	
68450-064H	6	0.230	5.84	0.120	3.05	0.060	1.52	1	2-3-4-5	1	
68450-065H	6	0.230	5.84	0.090	2.29	0.060	1.52	4	2-3-4-5	4LF	
68450-066H	4	0.230	5.84	0.120	3.05	0.060	1.52	4	2 AND 3	4LF	
68450-067	7	0.230	5.84	0.120	3.05	0.060	1.52	2	6	2	
68450-068	5	0.230	5.84	0.120	3.05	0.060	1.52	2	4	2	
68450-069H	12	0.230	5.84	0.090	2.29	0.060	1.52	1	7	1	
68450-070H	6	0.275	6.99	0.120	3.05	0.060	1.52	1	2	1	
68450-071H	7	0.110	2.79	0.230	5.84	0.160	4.06	2	3	2	
68450-072H	7	0.140	3.56	0.115	2.92	0.060	1.52	4	3,4	4LF	
68450-073H	7	0.140	3.56	0.115	2.92	0.060	1.52	2	3,4	2	
68450-074H	20	0.140	3.56	0.115	2.92	0.060	1.52	4	4,5,6,7,8,9,13,14,15,16,17	4LF	
68450-075H	20	0.140	3.56	0.115	2.92	0.060	1.52	2	4,5,6,7,8,9,13,14,15,16,17	2	
68450-076H	7	0.140	3.56	0.115	2.92	0.060	1.52	4	4,5	4LF	
68450-077H	7	0.140	3.56	0.115	2.92	0.060	1.52	2	4,5	2	
68450-078H	21	0.190	4.83	0.095	2.41	0.060	1.52	4	2,4,5,6,8,10,12,14,16,18,20	4LF	
68450-079H	21	0.190	4.83	0.095	2.41	0.060	1.52	2	2,4,5,6,8,10,12,14,16,18,20	2	
68450-080H	9	0.230	5.84	0.090	2.29	0.060	1.52	1	2	1	
68450-081H	12	0.320	8.13	0.100	2.54	0.060	1.52	4	4, 5, 9, 10	4LF	
68450-082H	3	0.120	3.05	0.120	3.05	0.060	1.52	1	2	1	

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection 		product family Bergstik					
ltr		ecn no		dr		date		tolerances unless otherwise specified		title		sheet 3 of 4		size	
BU								angles		BERGSTIK® II HEADER R/A					
								linear		.XXX±.005/.XX±0.13					
								0°±2°		.XXXX±.0020/.XXX±0.051					
								dr		T.BREWBAKER 1/13/95					
								engr		T.HANNA 1/13/95					
								chr		T.HANNA 1/13/95					
								appd		T.HANNA 1/13/95					
sheet index		revision sheet										type		PRODUCT CUSTOMER Drawing	

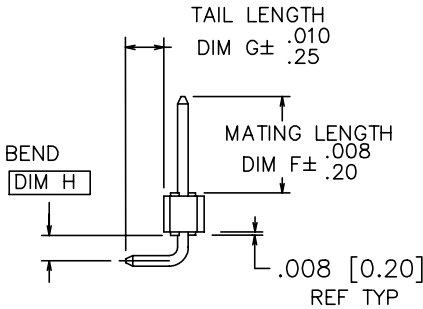


PRODUCT NUMBER		MATING LENGTH		TAIL LENGTH		BEND DIM				LEAD FREE	LEAD FREE
	NO. OF	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	PIN PLATING	POLARIZED	PIN PLATING	OPTION
	POS.	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	CODE	POSITION	CODE	
68450-083H	5	0.120	3.05	0.120	3.05	0.060	1.52	4	2, 4	4LF	OB
68450-084H	5	0.120	3.05	0.120	3.05	0.060	1.52	4	2, 3	4LF	OB

NOTE 4, 5



SINGLE ROW
SIDE VIEW
SEE NOTE 1



SINGLE ROW
END VIEW

PIN PLATING CODES	
1	30u"/0.76u MIN (SEE NOTE 7) OVER 50u"/1.27u MIN Ni
2	15u"/0.38u MIN (SEE NOTE 7) OVER 50u"/1.27u MIN Ni
3	50u"/1.27u MIN (SEE NOTE 7) OVER 50u"/1.27u MIN Ni
4	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 8)
4LF	

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family Bergstik
ltr	ecn no	dr	date	tolerances unless otherwise specified		scale 1: 1	title
BU				angles	.XX±.01/.X±0.3 .XXX±.005/.XX±0.13 0°±2° .XXX±.0020/.XXX±0.051		BERGSTIK® II HEADER R/A .100/2.54cc SR POLARIZED
				dr	T.BREWBAKER 1/13/95		dwg no
				engr	T.HANNA 1/13/95		sheet 4 of 4
				chr	T.HANNA 1/13/95	FCI	size A4
				appd	T.HANNA 1/13/95		type PRODUCT CUSTOMER Drawing
sheet index	revision sheet						