

NOTE:

1. FOR PRODUCT GEOMETRY AND GENERAL INFORMATION SEE DRAWINGS 93197 AND 93196.

2. DETAIL "N" DIMENSIONS APPLY TO 1X3 AND 1X4 SIZE PARTS ONLY (SEE TABLE).

3. PACKAGED IN POLYBAGS 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.

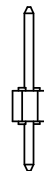
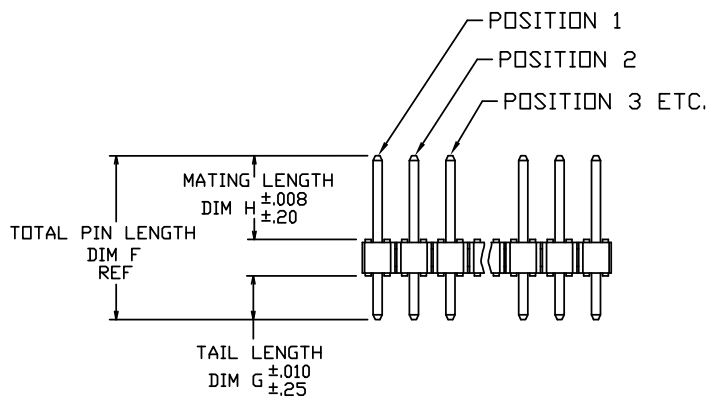
6. PART NUMBERS WITH "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

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.

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

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."



www.fciconnect.com			surface 6.4 ISO 1302	tolerance std ISO 406 ISO 1101	projection ISO 1101	INCH/MM
TOLERANCES UNLESS OTHERWISE SPECIFIED			ANGULAR	LINEAR	0.X ±0.3 0.XX ±0.15 0.XXX ±0.05	size A4 Scale 1.000
Dr	T.BREWBAKER	2/22/95	0°	±2°	ECN	N11-0118
Eng	T. HANNA	2/22/95	Product family BERGSTIK		Spec ref	
Chr	T. HANNA	2/22/95	title BERGSTIK® II HEADER SR		dwg no 69195	Rev. AU
Appr	T. HANNA	2/22/95	.100/2.54CC POLARIZED SELF RET.		CUSTOMER	sheet 1 of 3
rev	ecn no	dr	date	catalog no		
AM	V21903	SA	6/06/03			
AN	V04-0057	HTB	1/19/04			
AP	M05-0075	ERE	7/28/05			
AR	M06-0269	MNR	7/17/06			
AS	M06-0346	MHT	9/04/06			
AT	M08-0291	MHT	10/06/08			
AU	N11-0118	J.Z	2011-04-13			



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PRODUCT NUMBER	SIZE	TOTAL PIN LENGTH		TAIL LENGTH		MATING LENGTH		POLARIZED POSITIONS	PLATING CODE	NOTES	LEAD FREE PLATING CODE	LEAD FREE OPTION
		DIM F	DIM F	DIM G	DIM G	DIM H	DIM H					
		ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC					
69195-001	1x6	0.450	11.43	0.120	3.05	0.230	5.84	2	1	-	1	NOTE 4, 5
69195-002	1x10	0.538	13.67	0.120	3.05	0.318	8.08	2	4	-	4LF	
69195-003	1x3	0.450	11.43	0.120	3.05	0.230	5.84	2	1	NOTE 2	1	
69195-004	1x10	0.450	11.43	0.120	3.05	0.230	5.84	2	4	-	4LF	
69195-005	1x3	0.450	11.43	0.120	3.05	0.230	5.84	2	2	NOTE 2	2	
69195-006	1x3	0.450	11.43	0.120	3.05	0.230	5.84	2	3	NOTE 2	3	
69195-007	1x5	0.450	11.43	0.120	3.05	0.230	5.84	2	2	-	2	
69195-008	1x5	0.450	11.43	0.120	3.05	0.230	5.84	2	2	-	2	
69195-009	1x16	0.450	11.43	0.120	3.05	0.230	5.84	3	2	-	2	
69195-010	1x6	0.538	13.67	0.120	3.05	0.318	8.08	1 & 5	1	-	1	
69195-011	1x6	0.538	13.67	0.120	3.05	0.318	8.08	3 & 5	1	-	1	
69195-012	1x9	0.450	11.43	0.120	3.05	0.230	5.84	2	1	-	1	
69195-013	1x6	0.450	11.43	0.120	3.05	0.230	5.84	4	2	-	2	
69195-014H	1x12	0.538	13.67	0.120	3.05	0.318	8.08	9	2	-	2	
69195-015H	1x10	0.450	11.43	0.120	3.05	0.230	5.84	8	2	-	2	
69195-016H	1x23	0.538	13.67	0.120	3.05	0.318	8.08	3.4.6.8.10.12.14.16.20	1	-	1	
69195-017H	1x26	0.538	13.67	0.120	3.05	0.318	8.08	3.4.6.8.10.12.14.16.17.18	1	-	1	
69195-018H	1x20	0.538	13.67	0.120	3.05	0.318	8.08	4.5.6.15.16.17	1	-	1	
69195-019H	1x8	0.450	11.43	0.120	3.05	0.230	5.84	3 & 5	2	-	2	
69195-020H	1x8	0.538	13.67	0.120	3.05	0.318	8.08	3 & 5	2	-	2	
69195-021H	1x6	0.538	13.67	0.120	3.05	0.318	8.08	1 & 5	2	-	2	
69195-022H	1x6	0.538	13.67	0.120	3.05	0.318	8.08	3 & 5	2	-	2	
69195-023H	1x9	0.450	11.43	0.120	3.05	0.230	5.84	2	2	-	2	
69195-024H	1x12	0.450	11.43	0.120	3.05	0.230	5.84	4.8.10	2	-	2	
69195-025H	1x4	0.538	13.67	0.120	3.05	0.318	8.08	2 & 3	2	NOTE 2	2	
69195-026	1x4	0.538	13.67	0.120	3.05	0.318	8.08	1	4	-	4LF	
69195-027H	1x11	1.160	29.46	0.120	3.05	0.940	23.88	2.4.6.8.10	4	-	4LF	



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www.fciconnect.com			surface ISO 1302 <input checked="" type="checkbox"/>	tolerance std ISO 406 ISO 1101	projection	INCH/MM		
			TOLERANCES UNLESS OTHERWISE SPECIFIED			← →		
Dr	T.BREWBAKER	2/22/95	ANGULAR	LINEAR	0.X	±0.3	size A4	Scale 1.000
Eng	T. HANNA	2/22/95			0.XX	±0.15		
Chr	T. HANNA	2/22/95	0°	±2°	0.XXX	±0.05	ECN	N11-0118
Appr	T. HANNA	2/22/95	Product family		BERGSTIK		Spec ref	
			title		69195		Rev. AU	
			BERGSTIK® II HEADER SR					
			.100/2.54CC POLARIZED SELF RET.					
			catalog no		CUSTOMER		sheet 2 of 3	

REV F - 2006-04-17

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PDM: Rev:AU

STATUS Released 4 Printed: Apr 20, 2011

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PRODUCT NUMBER	SIZE	TOTAL PIN LENGTH		TAIL LENGTH		MATING LENGTH		POLARIZED POSITIONS	PLATING CODE	NOTES	LEAD FREE PLATING CODE	LEAD FREE OPTION	
		ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC						
69195-028H	1x7	0.450	11.43	0.120	3.05	0.230	5.84	3	2	-	2	NOTE 4, 5 ↑ ↓	
69195-029H	1x7	0.538	13.67	0.120	3.05	0.318	8.08	3	2	-	2		
69195-030H	1x8	0.450	11.43	0.120	3.05	0.230	5.84	4	2	-	2		
69195-031H	1x5	0.450	11.43	0.120	3.05	0.230	5.84	2	4	-	4LF		
69195-032H	1x5	0.538	13.67	0.120	3.05	0.318	8.08	2	4	-	4LF		
69195-033H	1x8	0.450	11.43	0.120	3.05	0.230	5.84	5	2	-	2		
69195-034H	1x5	0.538	13.67	0.120	3.05	0.318	8.08	2	2	-	2		
69195-035H	1x11	0.538	13.67	0.120	3.05	0.318	8.08	2	2	-	2		
69195-036H	1X17	0.430	10.92	0.100	2.54	0.230	5.84	2,3,4,6,7,8,10,11,12,14,15,16	4	-	4LF		
69195-037H	1X13	0.430	10.92	0.100	2.54	0.230	5.84	2,3,5,6,8,9,11,12	4	-	4LF		
69195-038H	1x6	0.450	11.43	0.120	3.05	0.230	5.84	4	4	-	4LF		
69195-039H	1x5	0.450	11.43	0.120	3.05	0.230	5.84	2	4	-	4LF		
69195-040H	1x4	0.450	11.43	0.120	3.05	0.230	5.84	2	2	-	2		NOTE 4, 5

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)
4HLF	

www.fciconnect.com			surface ISO 1302 ✓	tolerance std ISO 406 ISO 1101	projection ⊕	INCH/MM ←→	
			TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	T. BREWBAKER	2/22/95	ANGULAR	LINEAR	0.X	±0.3	size A4
Eng	T. HANNA	2/22/95			0.XX	±0.15	Scale 1.000
Chr	T. HANNA	2/22/95	0°	±2°	0.XXX	±0.05	ECN N11-0118
Appr	T. HANNA	2/22/95	Product family BERGSTIK		Spec ref		
FCI			title BERGSTIK® II HEADER SR .100/2.54CC POLARIZED SELF RET.		dwg no 69195		Rev. AU
			catalog no		CUSTOMER		sheet 3 of 3

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