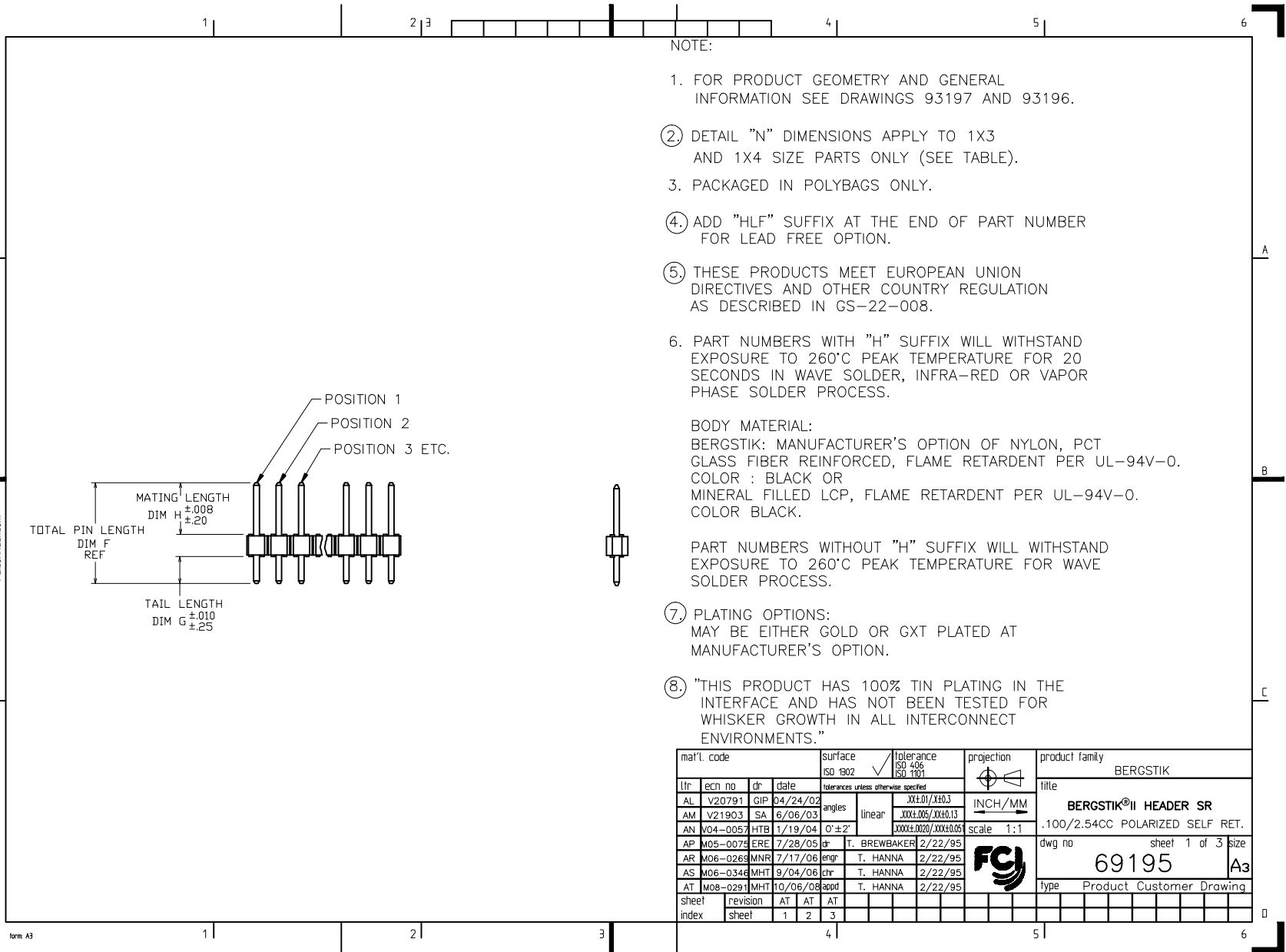




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NOTE:

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:  
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.
  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	tolerance	projection	product family
litr		ISO 1302	ISO 406 ISO 1101		BERGSTIK
AL	V20791	GIP	04/24/02	title	
AM	V21903	SA	6/06/03	BERGSTIK®II HEADER SR	
AN	V04-0057	HTB	1/19/04	.100/2.54CC POLARIZED SELF RET.	
AP	M05-0075	ERE	7/28/05	dwg no	
AR	M06-0269	MNR	7/17/06	sheet 1 of 3 size	
AS	M06-0346	MHT	9/04/06	69195	
AT	M08-0291	MHT	10/06/08	A3	
sheet		revision	AT	AT	AT
index		sheet	1	2	3

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	NOTE 4, 5




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mat'l. code		surface ISO 1302		tolerance ISO 406 ISO 1101		projection		product family BERGSTIK	
title		tolerances unless otherwise specified		linear		INCH/MM		title BERGSTIK®II HEADER SR	
AT		0°±2'		XXX±0.01/XX±0.3 XXX±0.005/XX±0.13 XXXX±0.020/XXX±0.05		scale 1:1		title .100/2.54CC POLARIZED SELF RET.	
dr		T. BREWBAKER		2/22/95		FCJ		dwg no 69195	
engr		T. HANNA		2/22/95				sheet 2 of 3 size A3	
chr		T. HANNA		2/22/95				type Product Customer Drawing	
appd		T. HANNA		2/22/95					
sheet index		revision sheet							

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					
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	

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 Au OVER 50u" /1.27u MIN Ni
4	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 8)
4HLF	

mat'l. code		surface ISO 1502		tolerance ISO 406 ISO 1101		projection		product family BERGSTIK	
lfr	ecm no	dr	date	tolerances unless otherwise specified		INCH/MM		title BERGSTIK®II HEADER SR	
AT				angles	linear	XXX±0.1/XX±0.3	scale 1:1	.100/2.54CC POLARIZED SELF RET.	
				0°±2'		XXX±.005/XX±0.13		dwg no 69195 sheet 3 of 3 size A3	
						XXXX±.0020/XXX±0.051		type Product Customer Drawing	
				dr	T. BREWBAKER	2/22/95			
				engr	T. HANNA	2/22/95			
				chr	T. HANNA	2/22/95			
				appd	T. HANNA	2/22/95			
sheet index	revision sheet								



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