

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[69195-033H](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

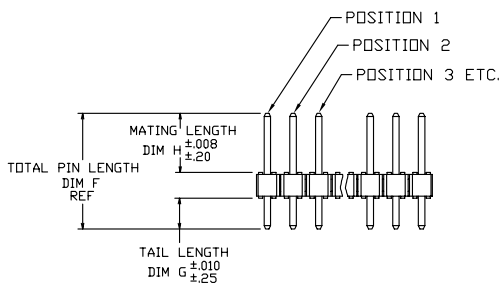
NOTE:

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 RETARDANT PER UL-94V-0.
COLOR : BLACK OR
MINERAL FILLED LCP, FLAME RETARDANT 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 tolerance std ISO 1302 ISO 406 ISO 110		projection		INCH/MM	
				TOLERANCES UNLESS OTHERWISE SPECIFIED					
				ANGULAR		LINEAR		size A4	
				0° ±2°		0.0XX ±0.05		ECN	
				Appr		Product family		Spec ref	
				T. BREWBAKER 2/22/95		0.X ±0.3		Scale 1.000	
				Eng T. HANNA 2/22/95		0.0XX ±0.15			
				Chr T. HANNA 2/22/95		0.0XX ±0.05			
				Appr T. HANNA 2/22/95		Product family		Spec ref	
				T. HANNA 2/22/95		BERGSTIK		69195	
				Product family		BERGSTIK		Spec ref	
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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	NOTE 4, 5
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	NOTE 4, 5
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	tolerance std ISO 406 ISO 1101	projection INCH/MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED		
Dr	T.BREWBAKER	2/22/95	ANGULAR	0.X ±0.3	size A4
Eng	T. HANNA	2/22/95	LINEAR	0.XX ±0.15	Scale 1.000
Chr	T. HANNA	2/22/95	0" ±2"	0.XXX ±0.05	ECN
Appr	T. HANNA	2/22/95	Product family	BERGSTIK	Spec ref
FCI			title BERGSTIK® II HEADER SR .100/2.54CC POLARIZED SELF RET.		Rev. AV
catalog no			69195		sheet 2 of 3
			CUSTOMER		

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					
69195-028H	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	OB
69195-034H	1x5	0.538	13.67	0.120	3.05	0.318	8.08	2	2	—	2	OB
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	OB
69195-039H	1x5	0.450	11.43	0.120	3.05	0.230	5.84	2	4	—	4LF	OB
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 A4	INCH/MM
Dr	T. BREWBAKER	2/22/95	TOLERANCES UNLESS OTHERWISE SPECIFIED		size	Scale 1.000
Eng	T. HANNA	2/22/95	ANGULAR	LINEAR	0.X ±0.3	
Chr	T. HANNA	2/22/95	0" ±2"		0.XX ±0.15	
Appr	T. HANNA	2/22/95			0.XXX ±0.05	
			Product family	BERGSTIK	ECN	Spec ref
FCI			title BERGSTIK® II HEADER SR .100/2.54CC POLARIZED SELF RET.		69195	Rev. AV
			catalog no		CUSTOMER	sheet 3 of 3

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