

PRODUCT NUMBER

XXXXX-YYH TLF

LEAD FREE OPTION
SEE NOTE 1,10

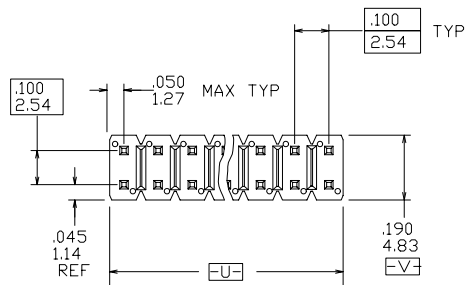
TUBE PACKAGING OPTION
SEE NOTE 1

HIGH TEMPERATURE PLASTIC
SEE NOTE 1

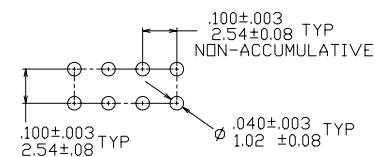
NO. OF
POSITIONS
SEE NOTE 1

PIN PLATING
SEE SHEET 2

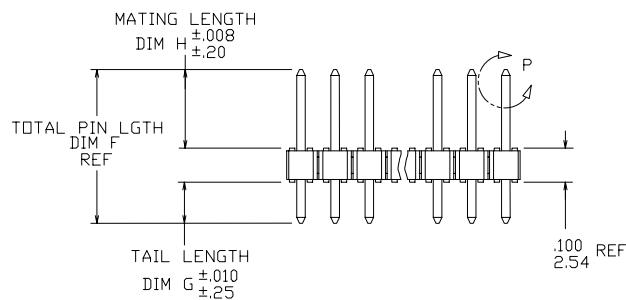
BASE PART NO.



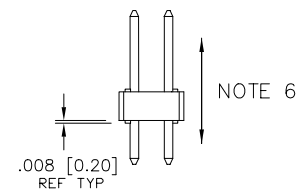
TOP VIEW



RECOMMENDED HOLE PATTERN



SIDE VIEW



END VIEW

⊕ ∅ .020/.51 (M) U (M) V S

NOTE 4

□ .025±.001
0.64±.03 TYP

□ .013
0.33 MAX TYP

25°±5° TYP
4 SIDES

DETAIL P
TYP BOTH ENDS

mat'l. code NOTES 2 & 3				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family BERGSTIK
ltr	ecm	no	dr	date	tolerances unless otherwise specified		title
AD	v71402	HTB	9/29/97		angles linear .XX±.01/.3		BERGSTIK® II HEADER
AE	v94305	DAI	10/31/99		.XXX±.005/.13		.100/2.54 DR SELF-RET
AF	V20461	GIP	3/07/02	0'±2'	.XXXX±.0020/.051	scale 2:1	sheet 1 of 4 size
AG	V20801	GIP	4/29/02	dr	T. BREWBAKER	7/29/94	
AH	M04-0234	MHT	12/29/05	enr	T. HANNA	7/29/94	
AJ	M05-0072	MHT	5/03/05	chr	J. MURPHY	7/29/94	
AK	M06-0269	MNR	7/17/06	appd	T. HANNA	7/29/94	
sheet	revision	AK	AK	AK	AK		type Product Customer Drawing
index	sheet	1	2	3	4		

PIN PLATING CODES:		
XXXXX-1YY	30u"/0.76u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni	
XXXXX-2YY	15u"/0.38u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni	
XXXXX-3YY	50u"/1.27u MIN Au OVER 50u"/1.27u MIN Ni	
XXXXX-4YY	TIN LEAD OPTION	120u"/3.05u MIN 93/7 SnPb OVER 50u"/1.27u MIN Ni
	LF OPTION	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 1,12)
XXXXX-5YY	15u"/0.38u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni	
XXXXX-6YY	30u"/0.76u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni	
XXXXX-7YY	30u"/0.76u MIN Au OVER 50u"/1.27u MIN Ni	
XXXXX-8YY	15u"/0.38u MIN Au OVER 50u"/1.27u MIN Ni	
XXXXX-9YY	15u"/0.38u MIN GXT OVER 50u"/1.27u MIN Ni	
XXXXX-0YY	30u"/0.76u MIN GXT OVER 50u"/1.27u MIN Ni	

NOTES

①. PART NUMBER OPTIONS:

PIN PLATING CODES (SEE ABOVE)

HIGH TEMP. MATERIAL:

FOR HIGH-TEMPERATURE APPLICATIONS, SPECIFY AN "H" AT THE END OF THE PART NUMBER, AND PCT WILL BE SUPPLIED.

NUMBER OF POSITION:

ANY NUMBER OF POSITIONS FROM 2 (2X1) THRU 72 (2X36).

PACKAGING:

PACKAGED IN POLY BAGS.

EIGHT DIGIT PART NUMBERS FOLLOWED BY A "T" ARE PACKAGED IN TUBES. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.

LEAD FREE:

ADD "HLF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION, NOT AVAILABLE FOR -5YY,-5YYH,-6YY & -6YYH.

②. BODY MATERIAL:

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

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.

③. PIN MATERIAL: PHOS-BRONZE.

④. MEASURED WITH PART IN RESTRAINED CONDITION.

5. TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS.

⑥. 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.

⑦. ±.010/0.25 TOL. APPLIES TO ALL "G" TAILS EXCEPT INDICATED PARTS ON TABLE WHERE +.010/0.25,-.000/0.00 APPLIES.

⑧. SECTION R-R DIMENSIONS APPLY TO RETENTION PIN POSITIONS ONLY LOCATED AT MANUFACTURES OPTION.

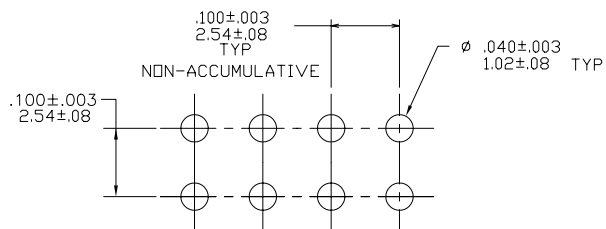
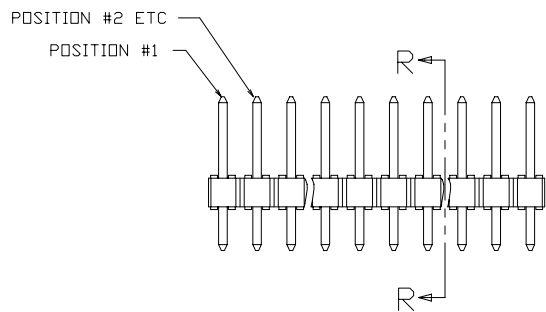
9. 5LB/2.3KG MAX INSERTION FORCE AND .25LB/.1KG MIN RETENTION FORCE PER RETENTIVE PIN USING .062/1.57 THICK CIRCUIT BOARDS AND RECOMMENDED HOLE PATTERN.

⑩. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

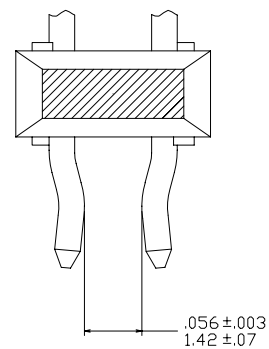
⑪. PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

⑫. 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										
AK								angles		linear		.XX±.01/.3		INCH/MM		BERGSTIK® II HEADER							
								0'±2"				.xxx±.005/.13		scale 2:1		.100/2.54 DR SELF-RET							
								dr		T. BREWBAKER		8/01/96				dwg no		sheet 2 of 4		size			
								engr		T. BREWBAKER		8/01/96				69192		A3					
								chr		T. BREWBAKER		8/01/96											
								app		T. BREWBAKER		8/01/96											
sheet index		revision sheet														type		Product		Customer		Drawing	



RECOMMENDED HOLE PATTERN



SECTION R-R
NOTE 8

mat'l. code					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK						
ltr		ecn no		dr		date		tolerances unless otherwise specified									
AK								angles		linear		.XX±.01/.3		INCH/MM		BERGSTIK® II HEADER	
								0°±2'				.XXX±.005/.13		scale 2:1		.100/2.54 DR SELF-RET	
												.XXXX±.0020/.051					
								dr		E. KROPIEWICKIE		8/01/96				dwg no	
								engr		T. BREWBAKER		8/01/96				sheet 3 of 4	
								chr		T. BREWBAKER		8/01/96				69192	
								app		T. BREWBAKER		8/01/96				A3	
sheet index		revision sheet														type Product Customer Drawing	



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PRODUCT NUMBER	TOTAL PIN LENGTH		TAIL LENGTH		MATING LENGTH		PACKAGING	NOTES	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H			
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC			
69192-YYY	0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS/TUBES		NOTE 1,10
78252-YYY	U N A V		A I L A B L E						
78548-YYY	0.538	13.67	0.120	3.05	0.318	8.08	POLY BAGS		
78577-YYY	0.650	16.51	0.120	3.05	0.430	10.92	POLY BAGS		
79214-YYY	0.620	15.75	0.120	3.05	0.400	10.16	POLY BAGS		
79979-YYY	0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS/TUBES	7	
86380-YYY	0.470	11.94	0.120	3.05	0.250	6.35	POLY BAGS		
86584-YYY	0.760	19.30	0.120	3.05	0.540	13.72	POLY BAGS		
87444-YYY	1.090	27.69	0.125	3.18	0.865	21.97	POLY BAGS		
87456-YYY	0.840	21.34	0.120	3.05	0.620	15.75	POLY BAGS		
87457-YYY	0.990	25.15	0.120	3.05	0.770	19.56	POLY BAGS		
87837-YYY	0.585	14.86	0.120	3.05	0.365	9.27	POLY BAGS		
87920-YYY	0.830	21.08	0.120	3.05	0.610	15.49	POLY BAGS		
88526-YYY	1.340	34.04	0.120	3.05	1.120	28.45	POLY BAGS		
88714-YYY	0.640	16.26	0.120	3.05	0.420	10.67	POLY BAGS		
89580-YYY	0.930	23.62	0.120	3.05	0.710	18.03	POLY BAGS		
90824-YYY	0.420	10.67	0.120	3.05	0.200	5.08	POLY BAGS		
94654-YYYH	0.415	10.54	0.085	2.16	0.230	5.84	POLY BAGS		
95066-YYYH	1.240	31.50	0.120	3.05	1.020	25.91	POLY BAGS		
95654-YYYH	0.880	22.35	0.120	3.05	0.660	16.76	POLY BAGS		
98845-YYYH	0.572	14.54	0.120	3.00	0.354	9.00	POLY BAGS/TUBES		
10002463-YYYH	0.503	12.78	0.085	2.16	0.318	8.08	POLY BAGS	---	NOTE 1,10

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											.100/2.54 DR SELF-RET						
					0'±2'				scale 2:1								
					dr	E. KROPIEWNICKIE		8/01/96				dwg no		sheet4 of 4		size	
					engr	T. BREWBAKER		8/01/96				69192				A3	
					chr	T. BREWBAKER		8/01/96									
					app	T. BREWBAKER		8/01/96									
sheet index		revision sheet									type Product Customer Drawing						

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