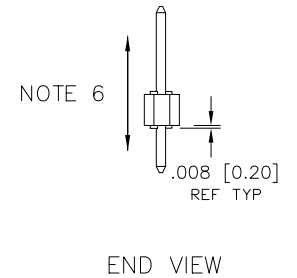
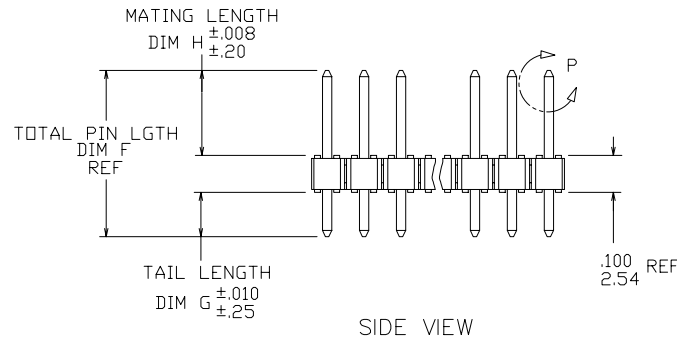
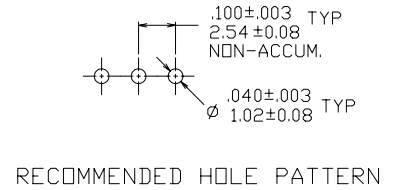
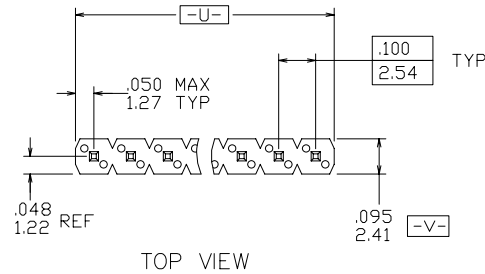


PRODUCT NUMBER

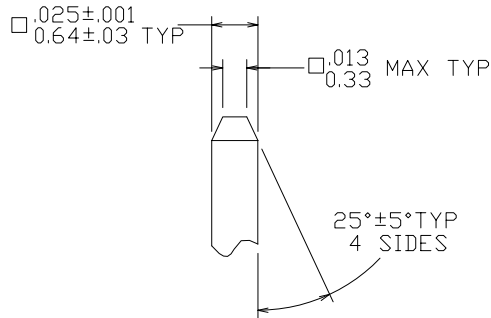
XXXXX-YYYHTLF

- LEAD FREE OPTION
SEE NOTE 1,11
- 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.



⊕ ∅ .020/.51 (M) U (M) V (S)

NOTE 4



DETAIL P
TYP BOTH ENDS

mat'l. code NOTES 2 & 3				tolerances unless otherwise specified				CUSTOMER COPY	 www.fciconnect.com
ltr	ecn no	dr	date	linear	.XX±.01/.X±.3	projection			
AA	V61044	EPK	07/31/96	linear	.XXX±.005/.XX±.13	INCH/MM		title	
AB	V61332	HTB	09/11/96	linear	.XXX±.0020/.XXX±.051		scale		BERGSTIK® II HEADER .100 SR SELF-RET
AC	V70890	HTB	06/04/97	angles	0° ±2°	2:1		product family BERGSTIK	
AD	V71402	HTB	09/25/97	dr	D. WHITING 04/19/93		A		code 213
AE	V20790	GIP	04/24/02	engr	T. HANNA 04/19/93	size		dwg no	
AF	M04-0234	MHT	12/29/04	chr	T. BREWBAKER 04/19/93		69190		sheet 1 of 4
AG	M05-0072	MHT	5/03/05	appd	T. HANNA 04/19/93				
sheet index	revision sheet	AG 1	AG 2	AG 3	AG 4				

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A

A

B

B

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PIN PLATING CODES:		
XXXXX-1YY	30u"/0.76u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni	
XXXXX-2YY	15u"/0.38u MIN (SEE NOTE 12) 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 1,13)
XXXXX-5YY	15u"/0.38u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni	
XXXXX-6YY	30u"/0.76u MIN (SEE NOTE 12) 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 THRU 36.

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. DETAIL N DIMENSIONS APPLY TO 2 POSITION PARTS ONLY

9. SECTION R-R DIMENSIONS ONLY APPLY TO RETENTION. PIN POSITIONS FOR 3 POSITION PARTS AND LARGER. RETENTION PIN POSITIONS LOCATED AT MANUFACTURER'S OPTION.

10. 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.

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

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

13. THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

mat'l. code				tolerances unless otherwise specified		CUSTOMER COPY		 www.fciconnect.com			
ltr	ecn no	dr	date	linear	.XX±.01/.X±.3	projection		title			
AG					.XXX±.005/.XX±.13			BERGSTIK® II HEADER		code	
					.XXX±.0020/.XXX±.051			.100 SR SELF-RET		213	
				angles	0°±2°	INCH/MM		product family			
				dr	E. KROPIEWNICKI 07/31/95			BERGSTIK		code	
				enr	T. BREWBAKER 07/31/95	scale		size/ dwg no			
				chr	T. BREWBAKER 07/31/95	2:1		A			
				appd	T. BREWBAKER 07/31/95			69190			
sheet index	revision sheet										

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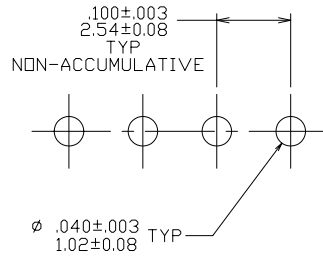
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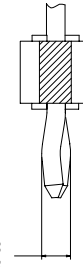
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3

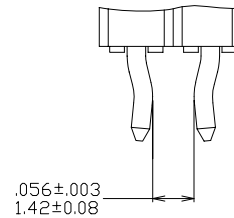
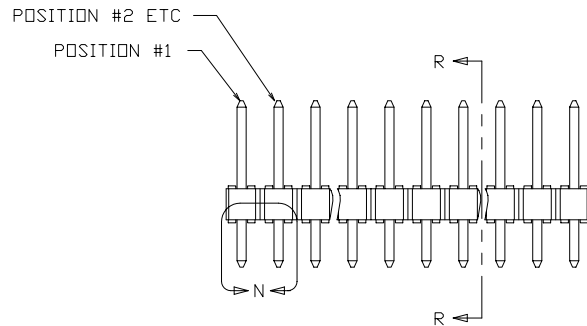
4



RECOMMENDED HOLE PATTERN



SECTION R-R
NOTE 9



TWO POSITION
DETAIL N
NOTE 8

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AG				linear	.xxx ±.005/.xx±.13	INCH/MM 	product family BERGSTIK size dwg no 213
				angles	.xxxx ±.0020/.xxx±.051		
				dr	0° ±2"		
				enr	E. KROPIEWNICK 07/31/95		
				chr	T. BREWBAKER 07/31/95		
				appd	T. BREWBAKER 07/31/95		
sheet index	revision sheet						

1 | 2

3

4

ACAD

PDM: Rev:AG

STATUS Released


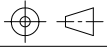
Printed: Jul 24, 2005

cage code
22526

PRODUCT NUMBER	TOTAL PIN LENGTH		TAIL LENGTH		MATING LENGTH		PACKAGING	NOTE	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H			
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC			
69190-YYY	0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS/TUBES	-	NOTE 1,11 ↓
72348-XXYH	0.515	13.08	0.120	3.05	0.295	7.49	POLY BAGS	-	
78229-YYY	0.538	13.67	0.120	3.05	0.318	8.08	POLY BAGS/TUBES	-	
78250-YYY	U N A V A I L A B L E							-	
78538-YYY	0.620	15.75	0.120	3.05	0.400	10.16	POLY BAGS	-	
78594-YYY	0.760	19.30	0.120	3.05	0.540	13.72	POLY BAGS	-	
79429-YYY	0.695	17.65	0.120	3.05	0.475	12.07	POLY BAGS	-	
79978-YYY	0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS/TUBES	7	
86505-YYY	0.440	11.18	0.120	3.05	0.220	5.59	POLY BAGS	-	
87036-YYY	0.830	21.08	0.120	3.05	0.610	15.49	POLY BAGS	-	
87068-YYY	0.530	13.46	0.115	2.92	0.315	8.00	POLY BAGS	-	
87280-YYY	1.000	25.40	0.120	3.05	0.780	19.81	POLY BAGS	-	
87452-YYY	0.840	21.34	0.120	3.05	0.620	15.75	POLY BAGS	-	
87453-YYY	0.990	25.15	0.120	3.05	0.770	19.56	POLY BAGS	-	
87918-YYY	0.730	18.54	0.120	3.05	0.510	12.95	POLY BAGS	-	
90603-YYY	0.430	10.92	0.100	2.54	0.230	5.84	POLY BAGS	-	
90610-YYY	0.927	23.55	0.100	2.54	0.727	18.47	POLY BAGS	-	
94549-XXYH	0.415	10.54	0.085	2.16	0.230	5.84	POLY BAGS	-	

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AG					.xxx ±.005/.xx±.13				BERGSTIK® II HEADER		
					.xxxx ±.0020/.xxx±.051				.100 SR SELF-RET		
				angles	0° ±2°			INCH/MM ←→	product family		code
				dr	E. KROPIEWNICKI	07/31/95	BERGSTIK		213		
				engr	T. BREWBAKER	07/31/95	size		4 of		
				chr	T. BREWBAKER	07/31/95	scale				
				appd	T. BREWBAKER	07/31/95	A		69190		
sheet index	revision sheet										