

PRODUCT NUMBER

XXXXX-YYY HLF

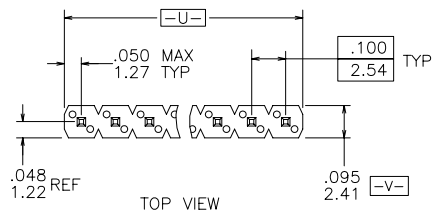
LEAD FREE OPTION
(SEE NOTE 1,8)

HIGH TEMPERATURE PLASTIC
SEE NOTE 1

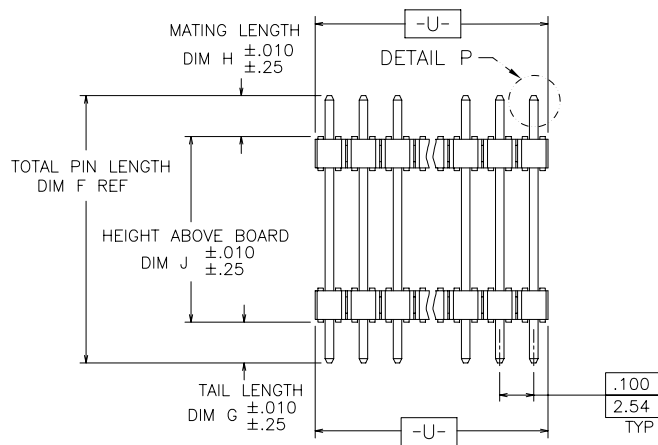
NO OF
POSITIONS
SEE NOTE 4

PIN PLATING
SEE SHEET 2

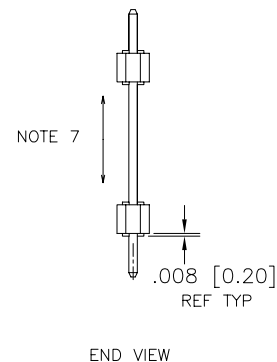
BASE PART NO.



TOP VIEW



SIDE VIEW



END VIEW

⊕ ⌀.020/.51 (M) U (M) V (S)

NOTE 5

□ .025±.001
0.64±.03
TYP

□ .013
0.33 MAX TYP

25°±5°TYP
4 SIDES

DETAIL P
TYP BOTH ENDS

mat'l. code SEE NOTES 2 & 3				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family BERGSTIK
ltr	ecr	no	dr	date	tolerances unless otherwise specified	scale 2:1	title BERGSTIK® II HEADER SR .100/2.54cc RAILROAD TRACK
AX	V90860	EPK		04/04/99	angles linear .XX±.01/0.3		
AY	V01805	MDF		07/14/00	.XXX±.005/0.13		
BA	V20792	GIP		04/25/02	.XXXX±.0020/0.051		
BB	M04-0234	MHT	12/29/04	dr	T.BREWBAKER	12/13/94	dwg no
BC	M05-0072	MHT	5/03/05	enr	T.HANNA	12/13/94	sheet 1 of 4 size
BD	M06-0268	MHT	7/17/06	chr	J.MURPHY	12/13/94	67817 A3
				appd	T.HANNA	12/13/94	type Product Customer Drawing
sheet index	revision	BD	BD	BD	BD		
	sheet	1	2	3	4		

$.100 \pm .003$
 2.54 ± 0.08

TYP
 NON-ACCUM.

$\varnothing .040 \pm .003$
 1.02 ± 0.08

SINGLE ROW
 COMMODORE HOLE PATTERN

①. PART NUMBER OPTIONS:
PIN PLATING CODES (SEE ABOVE)

LEAD FREE OPTION:
ADD "HFP" 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 RETARDANT PER UL-94V-0.
COLOR: BLACK

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

PART NUMBERS WITHOUT "H" SUFFIX
TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN
WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

(3.) PIN MATERIAL: PHOS-BRONZE.

④. ANY NUMBER OF POSITIONS FROM 1 THRU 36.

(5.) MEASURED WITH PART IN RESTRAINED CONDITION.

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

⑦. 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.

⑧. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

⑨. PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S CHOICE.

⑩. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

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itr ecn no dr date				tolerances unless otherwise specified						title			
BD				angles		linear		INCH/MM 		BERGSTIK® II HEADER SR			
				0°±2'		.XX±.01/0.3 .XXX±.005/0.13 .00XX±.0020/0.051		scale 2:1		.100/2.54cc RAILROAD TRACK			
				dr		T.BREWBAKER		12/13/94		dwg no sheet 2 of 4 size			
				engr		T.HANNA		12/13/94		67817 A3			
				chr		J.MURPHY		12/13/94		type Product Customer Drawing			
				appd		T.HANNA		12/13/94					
sheet index		revision sheet											



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form: A3

PRODUCT NUMBER	1		2		3		4		5		6	
	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		HEIGHT ABOVE BOARD					
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	DIM J	DIM J				
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC				
55491-XYH	0.750	19.05	0.120	3.05	0.120	3.05	0.510	12/95				
67817-XYH	1.095	27.81	0.134	3.40	0.528	13.41	0.433	11.00				
68040-XXY	0.943	23.95	0.284	7.21	0.284	7.21	0.375	9.53				
68427-XYH	1.043	26.49	0.394	10.01	0.393	9.98	0.256	6.50				
68444-XYH	0.925	23.50	0.128	3.25	0.364	9.25	0.433	11.00				
68460-XYH	0.755	19.18	0.116	2.95	0.230	5.84	0.409	10.39				
68606-XYH	0.569	14.45	0.152	3.86	0.152	3.86	0.265	6.73				
68729-XYH	0.943	23.95	0.315	8.00	0.284	7.21	0.344	8.74				
71269-XYH	1.017	25.83	0.115	2.92	0.115	2.92	0.787	19.99				
71727-XYH	1.103	28.02	0.100	2.54	0.157	3.99	0.846	21.49				
71793-XYH	0.555	14.10	0.090	2.29	0.090	2.29	0.375	9.53				
72308-XYH	0.574	14.58	0.100	2.54	0.100	2.54	0.374	9.50				
72343-XYH	0.500	12.70	0.100	2.54	0.150	3.81	0.250	6.35				
72344-XYH	0.730	18.54	0.110	2.79	0.240	6.10	0.380	9.65				
73417-XYH	1.372	34.85	0.090	2.29	0.140	3.56	1.142	29.01				
73418-XYH	0.938	23.83	0.120	3.05	0.318	8.08	0.500	12.70				
74429-XYH	0.995	25.27	0.120	3.05	0.230	5.84	0.645	16.38				
74916-XYH	1.362	34.59	0.072	1.83	0.222	5.64	1.068	27.13				
78935-XYH	0.640	16.26	0.120	3.05	0.120	3.05	0.400	10.16				
78973-XYH	0.450	11.43	0.100	2.54	0.100	2.54	0.250	6.35				
79403-XYH	0.813	20.65	0.318	8.08	0.120	3.05	0.375	9.53				
84735-XYH	0.830	21.08	0.110	2.79	0.140	3.56	0.580	14.73				
84796-XYH	1.230	31.24	0.110	2.79	0.651	16.53	0.469	11.91				
84845-XYH	0.866	22.00	0.126	3.20	0.240	6.10	0.500	12.70				
84896-XYH	1.137	28.88	0.120	3.05	0.230	5.84	0.787	19.99				
87205-XYH	0.895	22.73	0.120	3.05	0.265	6.73	0.510	12.95				
87504-XYH	0.530	13.46	0.110	2.79	0.110	2.79	0.310	7.87				
87505-XYH	0.630	16.00	0.120	3.05	0.130	3.30	0.380	9.65				

LF
OPTION
NOTE 1,8

mat'l. code SEE NOTES 2 & 3					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK						
ltr ecn no dr date					tolerances unless otherwise specified							title					
BD					angles		linear		.XX±.01/0.3 .XXX±.005/0.13 .XXXX±.0020/0.051		INCH/MM		BERGSTIK® II HEADER SR				
					0'±2"						scale 2:1		.100/2.54cc RAILROAD TRACK				
					dr		T.BREWBAKER		12/13/94				dwg no		sheet 3 of 4		size
					enrg		T.HANNA		12/13/94				67817				A3
					chr		J.MURPHY		12/13/94								
					appd		T.HANNA		12/13/94								
sheet index		revision sheet															

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form: A3

PRODUCT NUMBER	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		HEIGHT ABOVE BOARD		LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	DIM J	DIM J	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	
87506-YYYH	0.930	23.62	0.110	2.79	0.320	8.13	0.500	12.70	NOTE 1,8 ↓
87507-YYYH	0.930	23.62	0.110	2.79	0.520	13.21	0.300	7.62	
87508-YYYH	1.130	28.70	0.110	2.79	0.290	7.37	0.730	18.54	
87509-YYYH	0.830	21.08	0.140	3.56	0.390	9.91	0.300	7.62	
87510-YYY	1.130	28.70	0.120	3.05	0.510	12.95	0.500	12.70	
90377-YYY	0.880	22.35	0.120	3.05	0.230	5.84	0.530	13.46	
91574-YYY	0.858	21.79	0.125	3.18	0.318	8.08	0.415	10.54	
91861-YYY	0.780	19.81	0.120	3.05	0.120	3.05	0.540	13.72	
92629-YYY	1.200	30.48	0.125	3.18	0.400	10.16	0.675	17.15	
94655-YYYH	1.230	31.24	0.330	8.38	0.100	2.54	0.800	20.32	
95065-YYYH	0.630	16.00	0.220	5.59	0.120	3.05	0.290	7.37	
95109-YYYH	0.950	24.13	0.350	8.89	0.350	8.89	0.250	6.35	
95610-YYYH	0.490	12.45	0.110	2.79	0.110	2.79	0.270	6.86	
95641-YYYH	1.400	35.56	0.120	3.05	0.280	7.11	1.000	25.40	
95710-YYYH	0.382	9.70	0.125	3.18	0.047	1.19	0.210	5.33	
98139-YYYH	1.130	28.70	0.110	2.79	0.380	9.65	0.640	16.26	
98140-YYYH	0.930	23.62	0.280	7.11	0.110	2.79	0.540	13.72	NOTE 1,8

mat'l. code SEE NOTES 2 & 3				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family BERGSTIK	
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title	
BD					angles linear .XX±.01/0.3 .XXX±.005/0.13 0'±2' .XXXX±.0020/0.051		BERGSTIK® II HEADER SR .100/2.54cc RAILROAD TRACK	
					dr T.BREWBAKER 12/13/94	scale 2:1 	dwg no sheet 4 of 4 size	
					enr T.HANNA 12/13/94		67817 A3	
					chr J.MURPHY 12/13/94			
					appd T.HANNA 12/13/94		type Product Customer Drawing	
sheet index	revision sheet							

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