

PRODUCT NUMBER

XXXX-YYY HLF

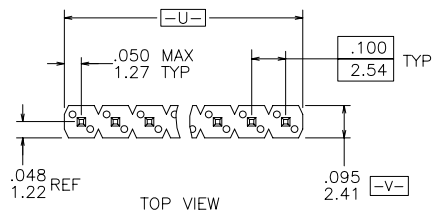
LEAD FREE OPTION
(SEE NOTE 1,8)

HIGH TEMPERATURE PLASTIC
SEE NOTE 1

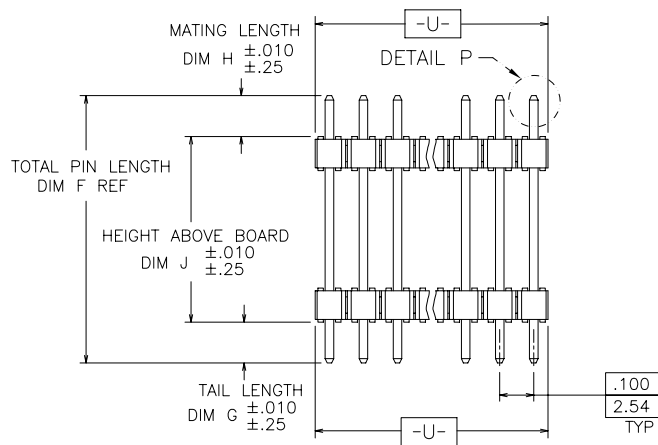
NO OF
POSITIONS
SEE NOTE 4

PIN PLATING
SEE SHEET 2

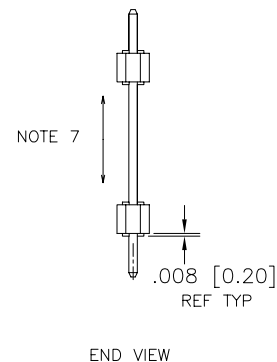
BASE PART NO.



TOP VIEW



SIDE VIEW



END VIEW

⌀.020/.51 (M) U (M) V (S)

NOTE 5

.025±.001
0.64±.03
TYP

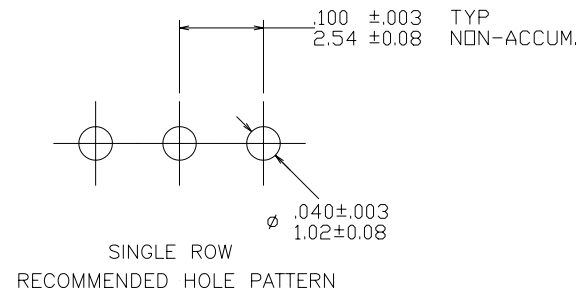
.013
0.33
MAX TYP

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	linear .xxx±.01/0.3		
AY	V01805	MDF		07/14/00	linear .xxx±.005/0.13		
BA	V20792	GIP		04/25/02	linear .xxx±.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		

PIN PLATING CODES:		
XXXXX-1YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni	
XXXXX-2YY	15u"/0.38u MIN (SEE NOTE 9) 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 1,10)
XXXXX-5YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni	
XXXXX-6YY	15u"/0.38u MIN (SEE NOTE 9) 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)

PACKAGING:
PACKAGED IN POLYBAGS

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

HIGH TEMP. MATERIAL:
FOR HIGH-TEMPERATURE APPLICATIONS, SPECIFY AN "H" AT
THE END OF THE PART NUMBER.

- 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."

mat'l. code SEE NOTES 2 & 3			surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	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	
					dr T.BREWBAKER 12/13/94	.100/2.54cc RAILROAD TRACK	
					enr T.HANNA 12/13/94	dwg no sheet 2 of 4 size	
					chr J.MURPHY 12/13/94	67817 A3	
					appd T.HANNA 12/13/94	type Product Customer Drawing	
sheet index	revision sheet						

PRODUCT NUMBER	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		HEIGHT ABOVE BOARD		LF OPTION NOTE 1,8
	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	NOTE 1,8
67817-XY	1.095	27.81	0.134	3.40	0.528	13.41	0.433	11.00	
68040-XY	0.943	23.95	0.284	7.21	0.284	7.21	0.375	9.53	
68427-XY	1.043	26.49	0.394	10.01	0.393	9.98	0.256	6.50	
68444-XY	0.925	23.50	0.128	3.25	0.364	9.25	0.433	11.00	
68460-XY	0.755	19.18	0.116	2.95	0.230	5.84	0.409	10.39	
68606-XY	0.569	14.45	0.152	3.86	0.152	3.86	0.265	6.73	
68729-XY	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-XY	0.640	16.26	0.120	3.05	0.120	3.05	0.400	10.16	
78973-XY	0.450	11.43	0.100	2.54	0.100	2.54	0.250	6.35	
79403-XY	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-XY	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	

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ltr ecn no dr date				tolerances unless otherwise specified						title			
BD				angles		linear		INCH/MM		BERGSTIK® II HEADER SR			
						.XX±.01/0.3		scale 2:1		.100/2.54cc RAILROAD TRACK			
				0°±2'		.XXX±.005/0.13							
						.XXX±.0020/0.051							
				dr		T.BREWBAKER 12/13/94				dwg no sheet 3 of 4 size			
				engr		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											

