

PRODUCT NUMBER

XXXXX-YYY HLF

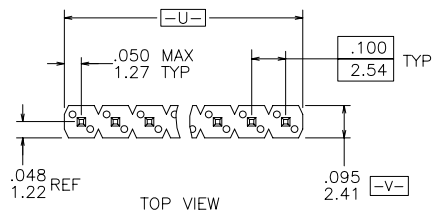
LEAD FREE OPTION
(SEE NOTE 1,8)

HIGH TEMPERATURE PLASTIC
SEE NOTE 1

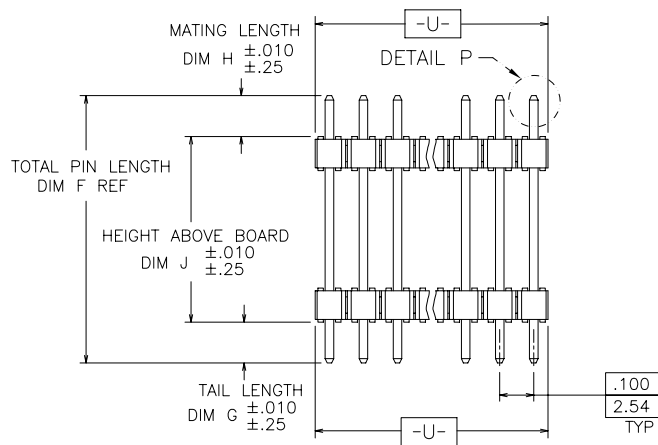
NO OF
POSITIONS
SEE NOTE 4

PIN PLATING
SEE SHEET 2

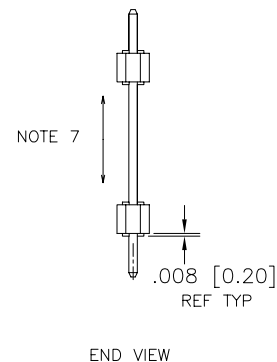
BASE PART NO.



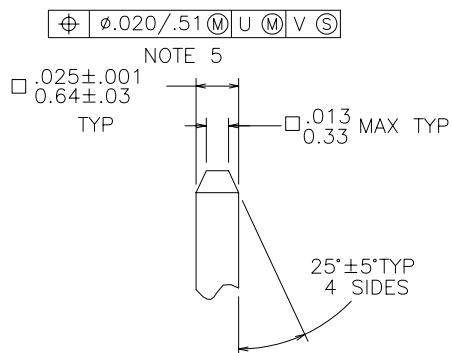
TOP VIEW



SIDE VIEW



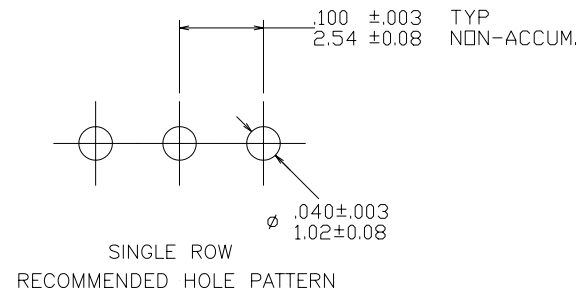
END VIEW



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

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 BD	ecn no dr	date	tolerances unless otherwise specified angles linear .XX±.01/0.3 .XXX±.005/0.13 0'±2' .XXXX±.0020/0.051	scale 2:1	title BERGSTIK® II HEADER SR .100/2.54cc RAILROAD TRACK
	dr	T.BREWBAKER	12/13/94		dwg no 67817
	enr	T.HANNA	12/13/94		sheet 2 of 4 size 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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PRODUCT NUMBER	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-XXYH	0.750	19.05	0.120	3.05	0.120	3.05	0.510	12/95
67817-XXY	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-XXY	1.043	26.49	0.394	10.01	0.393	9.98	0.256	6.50
68444-XXY	0.925	23.50	0.128	3.25	0.364	9.25	0.433	11.00
68460-XXY	0.755	19.18	0.116	2.95	0.230	5.84	0.409	10.39
68606-XXY	0.569	14.45	0.152	3.86	0.152	3.86	0.265	6.73
68729-XXY	0.943	23.95	0.315	8.00	0.284	7.21	0.344	8.74
71269-XXYH	1.017	25.83	0.115	2.92	0.115	2.92	0.787	19.99
71727-XXYH	1.103	28.02	0.100	2.54	0.157	3.99	0.846	21.49
71793-XXYH	0.555	14.10	0.090	2.29	0.090	2.29	0.375	9.53
72308-XXYH	0.574	14.58	0.100	2.54	0.100	2.54	0.374	9.50
72343-XXYH	0.500	12.70	0.100	2.54	0.150	3.81	0.250	6.35
72344-XXYH	0.730	18.54	0.110	2.79	0.240	6.10	0.380	9.65
73417-XXYH	1.372	34.85	0.090	2.29	0.140	3.56	1.142	29.01
73418-XXYH	0.938	23.83	0.120	3.05	0.318	8.08	0.500	12.70
74429-XXYH	0.995	25.27	0.120	3.05	0.230	5.84	0.645	16.38
74916-XXYH	1.362	34.59	0.072	1.83	0.222	5.64	1.068	27.13
78935-XXY	0.640	16.26	0.120	3.05	0.120	3.05	0.400	10.16
78973-XXY	0.450	11.43	0.100	2.54	0.100	2.54	0.250	6.35
79403-XXY	0.813	20.65	0.318	8.08	0.120	3.05	0.375	9.53
84735-XXYH	0.830	21.08	0.110	2.79	0.140	3.56	0.580	14.73
84796-XXYH	1.230	31.24	0.110	2.79	0.651	16.53	0.469	11.91
84845-XXYH	0.866	22.00	0.126	3.20	0.240	6.10	0.500	12.70
84896-XXYH	1.137	28.88	0.120	3.05	0.230	5.84	0.787	19.99
87205-XXY	0.895	22.73	0.120	3.05	0.265	6.73	0.510	12.95
87504-XXYH	0.530	13.46	0.110	2.79	0.110	2.79	0.310	7.87
87505-XXYH	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		ecr		no		dr		date		title	
BD										BERGSTIK® II HEADER SR	
										.100/2.54cc RAILROAD TRACK	
										dwg no	
										sheet 3 of 4 size	
										67817 A3	
										type	
										Product Customer Drawing	
sheet		revision									
index		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	 INCH/MM scale 2:1	title BERGSTIK® II HEADER SR .100/2.54cc RAILROAD TRACK
BD					angles linear 0°±2'		dwg no 67817
					dr T.BREWBAKER 12/13/94 engr T.HANNA 12/13/94 chr J.MURPHY 12/13/94 appd T.HANNA 12/13/94		sheet 4 of 4 size A3
sheet index	revision sheet						type Product Customer Drawing

PDM: Rev:BD

STATUS Released

Printed: Jul 19, 2006