

PRODUCT NUMBER

XXXXX-YYY HPLF

LEAD FREE OPTION
SEE NOTE 1,13

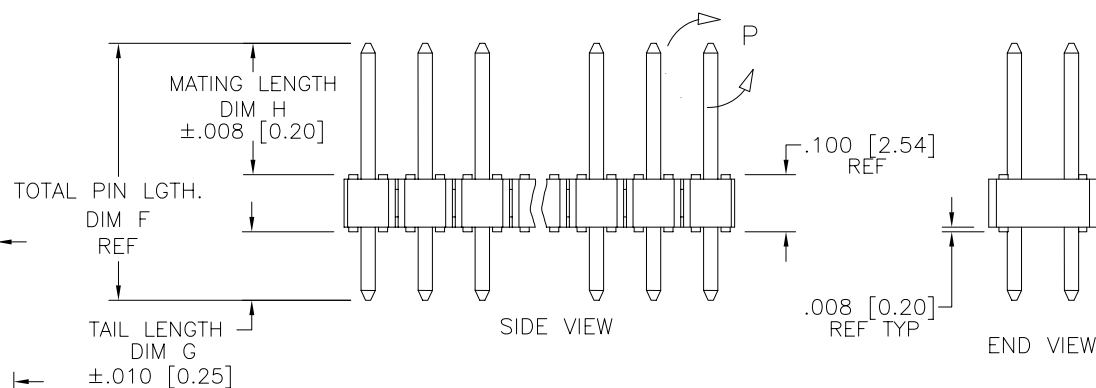
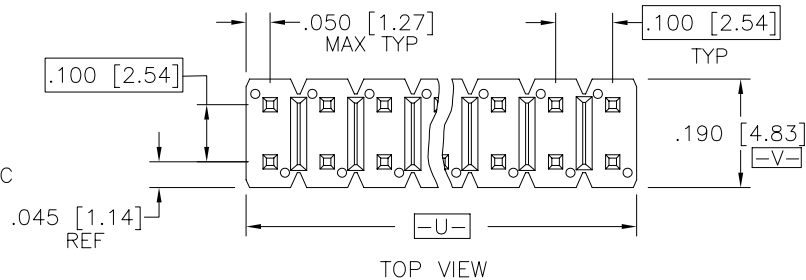
SPECIAL OPTIONS
SEE NOTE 1 OR 10

HIGH TEMPERATURE PLASTIC
SEE NOTE 1

NO OF
POSITIONS
SEE NOTE 1

PIN PLATING
SEE SHEET 2

BASE PART NO.



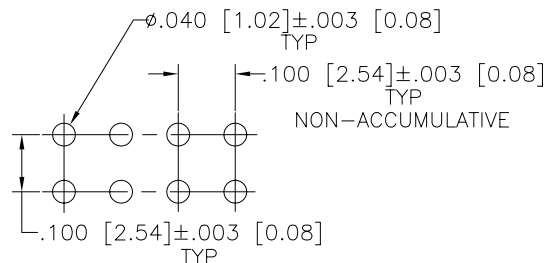
NOTE 6




□.013 [0.33]
MAX TYP
⊕ ⌀.020/0.51 M U M V S
NOTE 4

□.025 [0.64]±.001 [0.03]
TYP

DETAIL P
SCALE 5:1
TYP BOTH ENDS

25°±5°
4 SIDES



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 1:1 	title BERGSTIK®II HDR. D/R .100/2.54cc STRAIGHT					
CS	V21800	TAB	12/19/03		angles	linear		.XX±.01/0.3		sheet 1 of 8 size A3					
CT	V03-0257	DAI	03/05/03					.xxx±.005/0.13							
CU	M04-0234	MHT	12/29/04	0'±2'				.xxx±.0020/0.051							
CV	M05-0072	MHT	5/03/05	dr	T.BREWBAKER		12/21/94			dwg no			sheet 1 of 8	size	
CW	M06-0268	MHT	7/17/06	enr	T.HANNA		12/21/94			67996			A3		
CX	M06-0346	MHT	9/04/06	chr	J.MURPHY		12/21/94			type			Product	Customer	Drawing
CY	M06-0468	MHT	11/27/06	appd	T.HANNA		12/21/94								
sheet	revision	CY	CY	CY	CY	CY	CY	CY	CY						
index	sheet	1	2	3	4	5	6	7	8						

1

2 3

4

5

6

PIN PLATING CODES:

XXXX-1YY	30u"/0.76u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXX-2YY	15u"/0.38u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXX-3YY	50u"/1.27u MIN Au OVER 50u"/1.27u MIN Ni
XXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 15)
XXXX-4YYHLF	
XXXX-5YY	15u"/0.38u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXX-6YY	30u"/0.76u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXX-7YY	30u"/0.76u MIN Au OVER 50u"/1.27u MIN Ni
XXXX-8YY	15u"/0.38u MIN Au OVER 50u"/1.27u MIN Ni
XXXX-9YY	15u"/0.38u MIN GXT OVER 50u"/1.27u MIN Ni
XXXX-0YY	30u"/0.76u MIN GXT OVER 50u"/1.27u MIN Ni

NOTES

①. PART NUMBER OPTIONS:

PIN PLATING CODES (SEE ABOVE)

HIGH TEMPERATURE MATERIAL:

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

NUMBER OF POSITIONS :

EVEN NUMBER OF POSITIONS FROM 2 (2X1) THROUGH 72 (2X36).
 -X00H INDICATES BERGSTRIIP PRODUCT. SEE PAGE 3
 FOR SPECIAL GEOMETRY OF THIS CONTINUOUS STRIP PRODUCT.
 AUTOMATED REELS WILL CONTAIN 45,000 PINS.
 SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.

PACKAGING:

PACKAGED IN POLY BAGS.
 EIGHT DIGIT PART NUMBERS FOLLOWED BY A "T" ARE PACKAGED IN TUBES. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.
 EIGHT DIGIT PART NUMBERS FOLLOWED BY A "G" ARE PACKAGED IN GPAX FOR IBM ONLY. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.
 PART NUMBERS FOLLOWED BY A "C" ARE PACKAGED IN TUBES WITH A PICKUP CAP APPLIED.

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:

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

BERGSTRIIP™ PRODUCED WITH HIGH TEMPERATURE LCP THERMOPLASTIC, FLAME RETARDANT 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. MILITARY BERGSTIK HEADER
 P/N XXXXX-YYY-MIL
 NOT AVAILABLE.

⑧. ±.010/0.25 TOL APPLIES TO ALL "G" TAILS EXCEPT INDICATED PARTS ON TABLE WHERE +.010/0.25 -.000/0.00 APPLIES.

⑨. NOTCH CONFIGURATION WILL VARY PER VENDOR'S DISCRETION.

⑩. BERGSTRIIP™ PART NUMBERS FOLLOWED BY BY A "B" ARE BULK PRICED.

⑪. TAIL LENGTH (DIM. G) TO BE ±.008/.020.

12. POSITIONS PER ROW 37 TO 50 CAN BE PRODUCED, BUT FLATNESS AND CURVATURE MAY NOT BE HELD AS CLOSE AS 36 POSITIONS.

⑬. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

⑭. PLATING OPTIONS:
 MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

⑮. "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			
CY				angles		linear		.XX±.01/0.3		BERGSTIK®II HDR. D/R			
				0'±2'				.XXX±.005/0.13		.100/2.54cc STRAIGHT			
								.XXX±.0020/0.051		scale 1:1			
				dr		T.BREWBAKER		12/21/94		dwg no			
				enr		T.HANNA		12/21/94		sheet 2 of 8 size			
				chr		J.MURPHY		12/21/94		67996 A3			
				appd		T.HANNA		12/21/94		type Product Customer Drawing			
sheet index		revision sheet											

form: A3

1

2

3

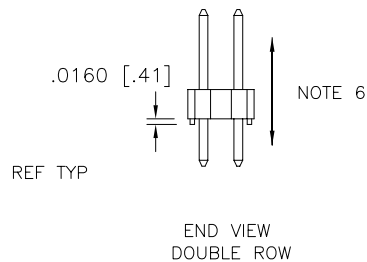
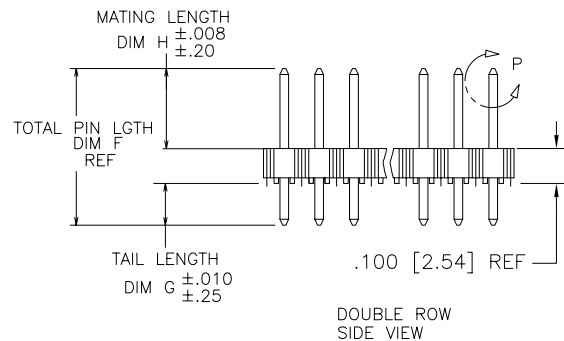
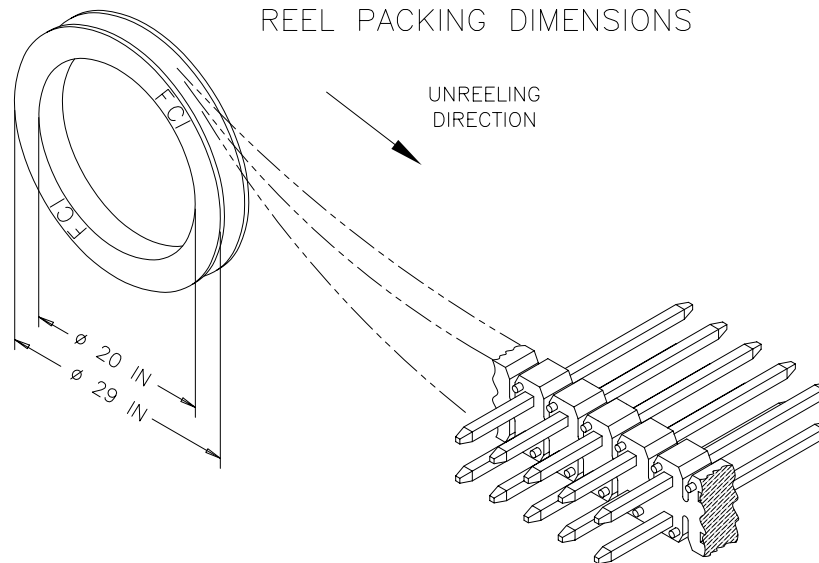
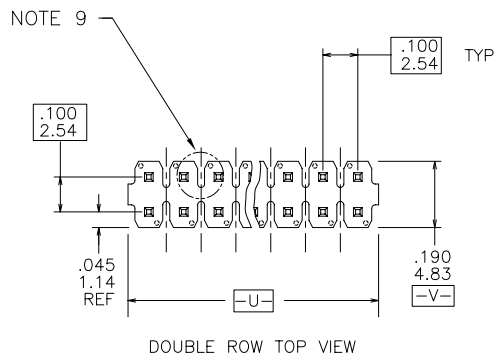
4



5




6

1 2 3 4 5 6

BERGSTRIPTM HEADER



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									
CY						angles	linear	.XX±.01/0.3		title BERGSTIK®II HDR. D/R .100/2.54cc STRAIGHT					
						0°±2'		.XXX±.005/0.13							
								.XXXX±.0020/0.051							
						dr	T.BREWBAKER	12/21/94		dwg no		sheet3 of 8		size A3	
						engr	T.HANNA	12/21/94							
						chr	J.MURPHY	12/21/94							
						appd	T.HANNA	12/21/94							
sheet index		revision sheet										type Product Customer Drawing			

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 1:1		title BERGSTIK® II HDR. D/R .100/2.54cc STRAIGHT					
CY				angles		linear		.XX±.01/0.3 .XXX±.005/0.13 .XXXX±.0020/0.051									
				0'±2'													
				dr		T.BREUBAKER		12/21/94				dwg no		sheet4 of 8		size	
				enrg		T.HANNA		12/21/94				67996		A3			
				chr		J.MURPHY		12/21/94									
				appd		T.HANNA		12/21/94									
sheet index		revision sheet															



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PRODUCT NUMBER	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH				BERGSTRIPTM	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	PACKAGING	NOTES	AVAILABLE	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC				
69132-XY	0.760	19.30	0.120	3.05	0.540	13.72	POLY BAGS/TUBES	—	NO	NOTE 1,13
69133-XY	0.615	15.62	0.285	7.24	0.230	5.84	POLY BAGS	—	NO	
69157-XY	0.410	10.41	0.110	2.79	0.200	5.08	POLY BAGS	—	NO	
71217-XYH	1.000	25.40	0.450	11.43	0.450	11.43	POLY BAGS	—	NO	
71222-XYH	0.850	21.59	0.250	6.35	0.500	12.70	POLY BAGS	—	NO	
72273-XYH	0.725	18.42	0.110	2.79	0.515	13.08	POLY BAGS	—	NO	
72448-XYH	0.658	16.71	0.172	4.37	0.386	9.80	POLY BAGS	—	NO	
72455-XYH	0.598	15.19	0.180	4.57	0.318	8.08	POLY BAGS	—	NO	
72455-632HG	0.598	15.19	0.180	4.57	0.318	8.08	GPAX	NOTE 1	NO	
73503-XYH	0.420	10.67	0.120	3.05	0.200	5.08	POLY BAGS	—	NO	
73596-XYH	0.795	20.19	0.110	2.79	0.585	14.86	POLY BAGS	—	NO	
74317-XYH	0.532	13.51	0.309	7.85	0.123	3.12	POLY BAGS	NOTE 11	NO	
74318-XYH	0.592	15.04	0.369	9.37	0.123	3.12	POLY BAGS	NOTE 11	NO	
74999-XYH	0.508	12.90	0.090	2.29	0.318	8.08	POLY BAGS	—	NO	
78212-XY	0.710	18.03	0.350	8.89	0.260	6.60	POLY BAGS	—	NO	
78233-XY	0.568	14.43	0.150	3.81	0.318	8.08	POLY BAGS	—	NO	
78269-XY	0.385	9.78	0.095	2.41	0.190	4.83	POLY BAGS	—	NO	
78286-XY	0.500	12.70	0.160	4.06	0.240	6.10	POLY BAGS/TUBES	—	NO	
78932-XY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			—	—	
78933-XY	0.695	17.65	0.285	7.24	0.310	7.87	POLY BAGS	—	NO	
78988-XY	0.540	13.72	0.135	3.43	0.305	7.75	POLY BAGS	—	NO	
78989-XY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			—	—	
78990-XY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			—	—	
78991-XY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			—	—	
78992-XY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			—	—	
78993-XY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			—	—	
78994-XY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			—	—	
										NOTE 1,13

NOTE 1,13

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		linear .XX±.01/0.3		INCH/MM		title BERGSTIK®II HDR. D/R			
CY				angles		linear .XXX±.005/0.13		scale 1:1		dwg no sheet5 of 8 size			
				0'±2'		.XXXX±.0020/0.051				A3			
				dr		T.BREWBAKER 12/21/94		FCI					
				enr		T.HANNA 12/21/94							
				chr		J.MURPHY 12/21/94							
				appd		T.HANNA 12/21/94							
sheet index		revision sheet											

form: A3



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PRODUCT NUMBER	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		PACKAGING	NOTES	BERGSTRIPTM AVAILABLE
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H			
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC			
78995-YYY		UNAVAILABLE		UNAVAILABLE		UNAVAILABLE		—	—
78996-YYY		UNAVAILABLE		UNAVAILABLE		UNAVAILABLE		—	—
79242-YYY	0.930	23.62	0.340	8.64	0.490	12.45	POLY BAGS	—	NO
79243-YYY	1.230	31.24	0.390	9.91	0.740	18.80	POLY BAGS	—	NO
79244-YYY		UNAVAILABLE		UNAVAILABLE		UNAVAILABLE		—	—
79268-YYY	1.020	25.91	0.120	3.05	0.800	20.32	POLY BAGS	—	NO
79271-YYY	1.100	27.94	0.500	12.70	0.500	12.70	POLY BAGS	—	NO
79425-YYY	0.410	10.41	0.120	3.05	0.190	4.83	POLY BAGS	—	NO
79821-YYY	0.730	18.54	0.200	5.08	0.430	10.92	POLY BAGS	—	NO
84610-YYYH	0.380	9.65	0.120	3.05	0.160	4.06	POLY BAGS	—	NO
84760-YYYH	0.870	22.09	0.150	3.81	0.620	15.74	POLY BAGS	—	NO
84784-YYYH	1.130	28.70	0.122	3.09	0.908	23.06	POLY BAGS	—	NO
84934-YYYH	1.375	34.93	0.625	15.88	0.650	16.51	POLY BAGS	—	NO
84976-YYYH	0.730	18.54	0.400	10.16	0.230	5.84	POLY BAGS	—	NO
86503-YYY	0.470	11.94	0.120	3.05	0.250	6.35	POLY BAGS	—	NO
86581-YYY	0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS	NOTE 8	NO
86817-YYY	0.925	23.50	0.120	3.05	0.705	17.91	POLY BAGS	—	NO
86827-YYY	0.700	17.78	0.120	3.05	0.480	12.19	POLY BAGS	—	NO
86832-YYY	0.525	13.34	0.100	2.54	0.325	8.26	POLY BAGS	—	NO
86834-YYY	1.335	33.91	0.585	14.86	0.650	16.51	POLY BAGS	—	NO
86836-YYY	0.870	22.10	0.120	3.05	0.650	16.51	POLY BAGS	—	NO
86837-YYY	0.600	15.24	0.120	3.05	0.380	9.65	POLY BAGS	—	NO
87037-YYY	1.240	31.50	0.120	3.05	1.020	25.91	POLY BAGS	—	NO
87052-YYY	0.990	25.15	0.120	3.05	0.770	19.56	POLY BAGS	—	NO
87203-YYY	0.545	13.84	0.150	3.81	0.295	7.49	POLY BAGS	—	NO
87344-YYY	1.375	34.93	0.219	5.56	1.056	26.82	POLY BAGS	—	NO

NOTE 1,13

NOTE 1,13

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		linear .XX±.01/0.3		INCH/MM		title BERGSTIK®II HDR. D/R			
CY				angles		linear .XXX±.005/0.13		scale 1:1		dwg no sheet 6 of 8 size			
				0'±2'		.XXXX±.0020/0.051				A3			
				dr		T.BREWBAKER 12/21/94				type Product Customer Drawing			
				enr		T.HANNA 12/21/94							
				chr		J.MURPHY 12/21/94							
				appd		T.HANNA 12/21/94							
sheet index		revision sheet											



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

PRODUCT NUMBER	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH				BERGSTRIPT™	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	PACKAGING	NOTES	AVAILABLE	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC				
87345-YYY	1.218	30.94	0.406	10.31	0.712	18.08	POLY BAGS	—	NO	NOTE 1,13 <div></div>
87348-YYY	0.930	23.62	0.100	2.54	0.730	18.54	POLY BAGS	—	NO	
87349-YYY	0.890	22.61	0.110	2.79	0.680	17.27	POLY BAGS	—	NO	
87381-YYY	0.645	16.38	0.100	2.54	0.445	11.30	POLY BAGS	—	NO	
87382-YYY	0.675	17.15	0.100	2.54	0.475	12.07	POLY BAGS	—	NO	
87503-YYYH	0.630	16.00	0.110	2.79	0.420	10.67	POLY BAGS	—	NO	
87869-YYY	0.690	17.53	0.230	5.84	0.360	9.14	POLY BAGS	—	NO	
87894-YYY	0.588	14.94	0.170	4.32	0.318	8.08	POLY BAGS	—	NO	
87900-YYY	0.940	23.88	0.120	3.05	0.720	18.29	POLY BAGS	—	NO	
87901-YYY	1.040	26.42	0.120	3.05	0.820	20.83	POLY BAGS	—	NO	
87903-YYY	0.963	24.46	0.337	8.56	0.526	13.36	POLY BAGS	—	NO	
88797-YYY	0.950	24.13	0.320	8.13	0.530	13.46	POLY BAGS	—	NO	
88812-YYY	0.415	10.54	0.085	2.16	0.230	5.84	POLY BAGS/TUBES	NOTE 8	NO	
88886-YYY	1.306	33.17	0.276	7.01	0.930	23.62	POLY BAGS	—	NO	
89446-YYY	0.930	23.62	0.120	3.05	0.710	18.03	POLY BAGS	—	NO	
89540-YYY	0.760	19.30	0.280	7.11	0.380	9.65	POLY BAGS	—	NO	
89542-YYY	1.065	27.05	0.125	3.18	0.840	21.34	POLY BAGS	—	NO	
89639-YYY	1.260	32.00	0.118	3.00	1.042	26.47	POLY BAGS	—	NO	
91828-YYY	0.450	11.43	0.120	3.05	0.230	5.84	TUBES	—	NO	
92417-YYY	0.530	13.46	0.110	2.79	0.320	8.13	POLY BAGS	—	NO	
93216-YYYH	0.573	14.55	0.155	3.94	0.318	8.08	POLY BAGS/TUBES	—	NO	
93216-632HG	0.573	14.55	0.155	3.94	0.318	8.08	GPAX	NOTE 1	NO	
93217-YYYH	0.395	10.03	0.095	2.41	0.200	5.08	POLY BAGS	—	NO	
93254-YYY	0.563	14.30	0.110	2.79	0.353	8.97	POLY BAGS	—	NO	NOTE 1,13

mat'l. code SEE NOTES 2 & 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101	projection  INCH/MM scale 1:1 	product family BERGSTIK			
ltr	ecn	no	dr	date	tolerances unless otherwise specified			title BERGSTIK®II HDR. D/R .100/2.54cc STRAIGHT			
CY					angles	linear	.XX±.01/0.3 .XXX±.005/0.13 .XXXX±.0020/0.051	dwg no 67996			
					0'±2'			sheet 7 of 8 size A3			
					dr	T.BREWBAKER	12/21/94	type Product Customer Drawing			
					enr	T.HANNA	12/21/94				
					chr	J.MURPHY	12/21/94				
					appd	T.HANNA	12/21/94				
sheet index	revision sheet										

PRODUCT NUMBER	TOT. PIN LGTH.	TAIL LENGTH	MATING LENGTH					BERGSTRIPTM	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	PACKAGING	NOTES	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC		AVAILABLE	
94010-YYYH	0.756	19.20	0.350	8.89	0.306	7.77	POLY BAGS	—	NO
94532-YYYH	1.250	31.75	0.450	11.43	0.700	17.78	POLY BAGS	—	NO
95105-YYY	0.370	9.40	0.126	3.20	0.144	3.66	POLY BAGS	—	NO
95645-YYYH	0.350	8.89	0.100	2.54	0.150	3.81	POLY BAGS	—	NO
95652-YYYH	0.500	12.70	0.070	1.78	0.330	8.38	POLY BAGS	—	NO
95665-YYYH	0.835	21.21	0.335	8.51	0.400	10.16	POLY BAGS	—	NO
95687-YYYH	0.820	20.83	0.360	9.14	0.360	9.14	POLY BAGS	—	NO
95712-YYYH	1.090	27.69	0.110	2.79	0.880	22.35	POLY BAGS	—	NO
95727-YYYH	0.825	20.96	0.110	2.79	0.615	15.62	POLY BAGS	—	NO
98181-YYYH	0.760	19.30	0.218	5.54	0.442	11.23	POLY BAGS	—	NO
98217-YYYH	0.756	19.20	0.328	8.33	0.328	8.33	POLY BAGS	—	NO
98329-YYYH	0.930	23.62	0.415	10.54	0.415	10.54	POLY BAGS	—	NO
98854-YYYH	0.450	11.43	0.120	3.05	0.230	5.84	TUBES	—	NO
10017852-YYYH	0.450	11.43	0.125	3.18	0.225	5.72	POLYBAGS	—	NO
10074747-YYYH	0.850	21.59	0.520	13.21	0.230	5.84	POLYBAGS	—	NO

NOTE 1,13

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mat'l. code SEE NOTES 2 & 3				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family BERGSTIK
ltr	ecr	no	dr	date	tolerances unless otherwise specified	INCH/MM scale 1:1	title BERGSTIK® II HDR. D/R .100/2.54cc STRAIGHT
CY					linear .XX±.01/0.3		dwg no 67996 sheet 8 of 8 size A3
					angles linear .XXX±.005/0.13 0'±2" .XXXX±.0020/0.051		
					dr T.BREWBAKER 12/21/94		type Product Customer Drawing
					enr T.HANNA 12/21/94		
					chr J.MURPHY 12/21/94		
					appd T.HANNA 12/21/94		
sheet index	revision sheet						