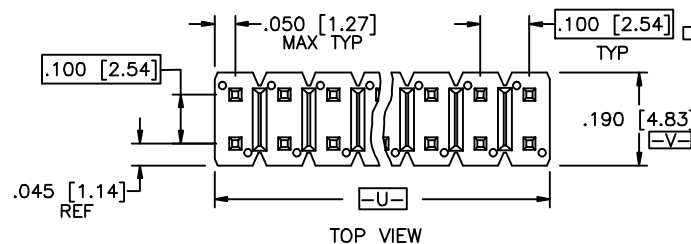


PRODUCT NUMBER

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.



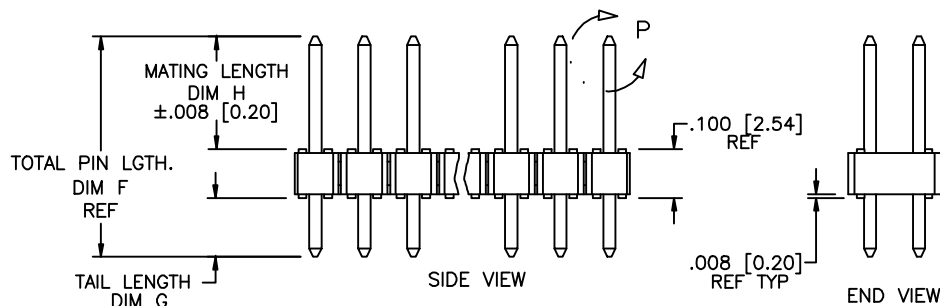
□.013 [0.33]
MAX TYP
⌀.020/0.51 [0.51] U(0)V(S)
NOTE 4

.025 [0.64]±.001 [0.03]
TYP

±.010 [0.25]

DETAIL P
SCALE 5:1
TYP BOTH ENDS

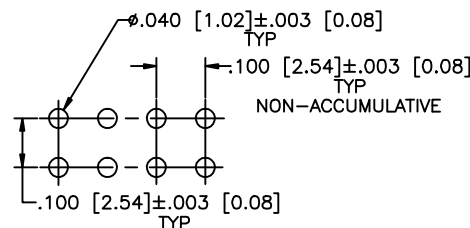
25°±5°
4 SIDES



NOTE 6

67996-X XX-XXX XXX LF

- TAIL LENGTH (EXAMPLE BELOW)
3.0mm=030 12.8mm=128
(SEE NOTE 16 & 17)
- MATING LENGTH (EXAMPLE BELOW)
5.0mm=050 25.5mm=255
(SEE NOTE 16 & 17)
- TOTAL NUMBER OF POSITIONS
FROM 2 (2X1) THRU 72 (2X36) POS.
- PIN PLATING (SEE NOTE 14)
1=0.76µm Au
4= PURE TIN
8=0.36µm Au
- BASE PART NO.
DOUBLE ROW



RECOMMENDED HOLE PATTERN

mat'l. code SEE NOTES 2 & 3	surface ISO 1902	tolerance ISO 406 ISO 1101	projection ISO 1001	product family BERGSTIK
ltr	ecn no	dr	date	title
CU	M04-0234	MHT	12/29/04	BERGSTIK® II HDR. D/R
CV	M05-0072	MHT	5/03/05	.100/2.54cc STRAIGHT
CW	M06-0268	MHT	7/17/06	scale 1:1
CX	M06-0346	MHT	9/04/06	dr T.BREWBAKER 12/21/94
CY	M06-0468	MHT	11/27/06	engr T.HANNA 12/21/94
DA	M08-0169	MHT	2/20/08	chr J.MURPHY 12/21/94
DB	M08-0272	MHT	9/25/08	appd T.HANNA 12/21/94
sheet	revision	DB	DB	DB
index	sheet	1	2	3

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 BERGSTRIK 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, PCT GLASS FIBER REINFORCED OR MINERAL FILLED LCP FLAME RETARDANT PER UL-94V-0.
COLOR: BLACK

BERGSTRIK™ 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. BERGSTRIK™ 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.

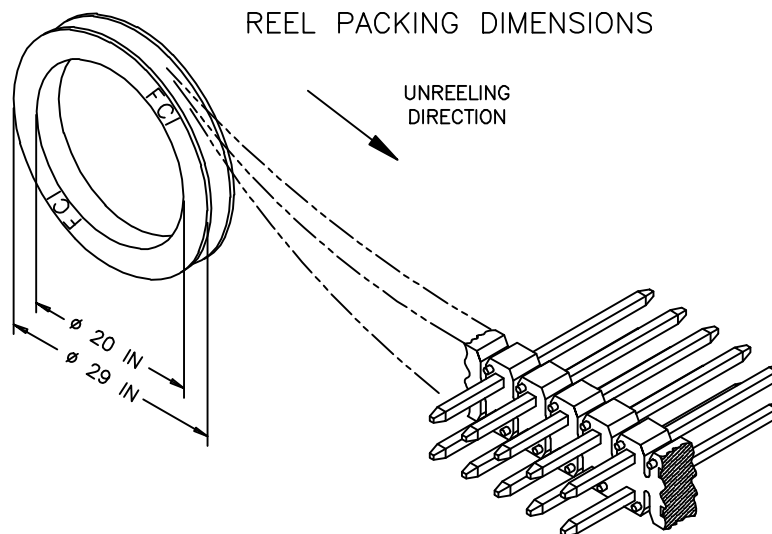
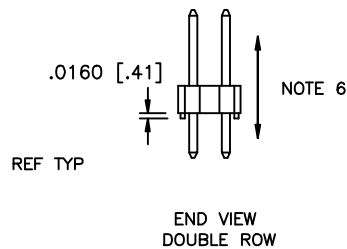
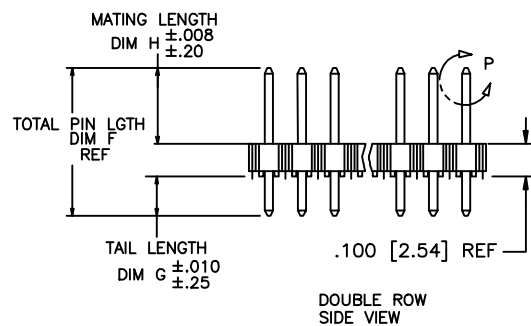
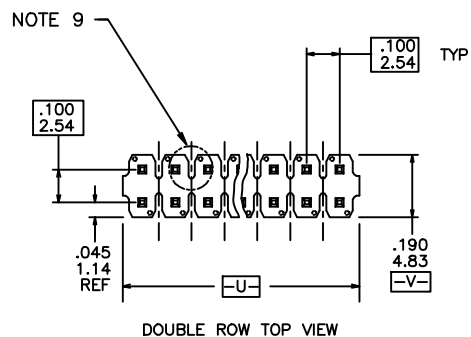
⑮. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."




⑯. THE OAL DON'T EXCEED 34.5mm

⑰. INCREMENTS BY 0.1mm IN LENGTHS ONLY

18. FOR SPECIAL PACKAGING REQUEST PLEASE CONTACT PRODUCT MANAGER FOR AVAILABILITY

mat'l. code SEE NOTES 2 & 3				surface ISO 1902 ✓		tolerance ISO 406 ISO 1101		projection INCH/MM		product family BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified							
DB				angles	linear	XXX±.01/XXX±.03		INCH/MM		title BERGSTIK II HDR. D/R	
				0°±2'		XXX±.005/XXX±.013		scale 1:1		.100/2.54cc STRAIGHT	
				dr	T.BREWBAKER	12/21/94		FCJ		dwg no 67996	
				engr	T.HANNA	12/21/94				sheet 2 of 8 size A3	
				chr	J.MURPHY	12/21/94				type Product Customer Drawing	
				appd	T.HANNA	12/21/94					
sheet	revision										
index	sheet										



mail code SEE NOTES 2 & 3			surface ISO 902 ✓ ISO 406 ISO 1001		projection 		product family BERGSTIK		
itr	ecn no	dr	date	tolerances unless otherwise specified		 INCH/MM	title		
DB				angles	<u>XXX±.01 / XXX±.03</u> <u>XXXX±.005 / XXX±.013</u> <u>XXXX±.0020 / XXX±.005</u>		BERGSTIK II HDR. D/R .100/2.54cc STRAIGHT		
				linear	0' ±.2'	scale 1:1	dwg no sheet 3 of 8 size		
				dr	T.BREUBAKER 12/21/94		67996 A		
				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		

PRODUCT NUMBER	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		PACKAGING	NOTES	BERGSTRIPTM AVAILABLE	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H				
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC				
69132-YYY	0.760	19.30	0.120	3.05	0.540	13.72	POLY BAGS/TUBES	—	NO	NOTE 1,13
69133-YYY	0.615	15.62	0.285	7.24	0.230	5.84	POLY BAGS	—	NO	
69157-YYY	0.410	10.41	0.110	2.79	0.200	5.08	POLY BAGS	—	NO	
71217-YYYH	1.000	25.40	0.450	11.43	0.450	11.43	POLY BAGS	—	NO	
71222-YYYH	0.850	21.59	0.250	6.35	0.500	12.70	POLY BAGS	—	NO	
72273-YYYH	0.725	18.42	0.110	2.79	0.515	13.08	POLY BAGS	—	NO	
72448-YYYH	0.658	16.71	0.172	4.37	0.386	9.80	POLY BAGS	—	NO	
72455-YYYH	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-YYYH	0.420	10.67	0.120	3.05	0.200	5.08	POLY BAGS	—	NO	
73596-YYYH	0.795	20.19	0.110	2.79	0.585	14.86	POLY BAGS	—	NO	
74317-YYYH	0.532	13.51	0.309	7.85	0.123	3.12	POLY BAGS	NOTE 11	NO	
74318-YYYH	0.592	15.04	0.369	9.37	0.123	3.12	POLY BAGS	NOTE 11	NO	
74999-YYYH	0.508	12.90	0.090	2.29	0.318	8.08	POLY BAGS	—	NO	
78212-YYY	0.710	18.03	0.350	8.89	0.260	6.60	POLY BAGS	—	NO	
78233-YYY	0.568	14.43	0.150	3.81	0.318	8.08	POLY BAGS	—	NO	
78269-YYY	0.385	9.78	0.095	2.41	0.190	4.83	POLY BAGS	—	NO	
78286-YYY	0.500	12.70	0.160	4.06	0.240	6.10	POLY BAGS/TUBES	—	NO	
78932-YYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			—	—	
78933-YYY	0.695	17.65	0.285	7.24	0.310	7.87	POLY BAGS	—	NO	
78988-YYY	0.540	13.72	0.135	3.43	0.305	7.75	POLY BAGS	—	NO	
78989-YYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			—	—	
78990-YYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			—	—	
78991-YYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			—	—	
78992-YYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			—	—	
78993-YYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			—	—	
78994-YYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			—	—	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							
DB				linear		XXL01/XXL03 XXXL005/XXXL013 XXXL0020/XXXL0051		INCH/MM 		title BERGSTIK®II HDR. D/R .100/2.54cc STRAIGHT	
				O'±2'				scale 1:1		dwg no 67996	
				dr		T.BREWBAKER 12/21/94				sheet 5 of 8 size A3	
				engr		T.HANNA 12/21/94					
				chr		J.MURPHY 12/21/94					
				appd		T.HANNA 12/21/94				type Product Customer Drawing	
sheet index	revision sheet										



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PRODUCT NUMBER	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		PACKAGING	NOTES	BERGSTRIPTM AVAILABLE	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H				
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC				
78995-YYY		UNAVAILABLE		UNAVAILABLE		UNAVAILABLE		-	-	NOTE 1,13
78996-YYY		UNAVAILABLE		UNAVAILABLE		UNAVAILABLE		-	-	
79242-YYY	0.930	23.62	0.340	8.64	0.490	12.45	POLY BAGS	-	NO	<div> </div>
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

mat'l. code SEE NOTES 2 & 3				surface ISO 1902		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified							
DB				angles		linear		INCH/MM		title BERGSTIK® II HDR. D/R .100/2.54cc STRAIGHT	
				0° ± 2'		XXXL01/XXXL03 XXXL005/XXXL013 XXXL0020/XXXL0051		scale 1:1		dwg no 67996	
				dr		engr		chr		sheet 6 of 8 size A3	
				T.BREWBAKER 12/21/94		T.HANNA 12/21/94		J.MURPHY 12/21/94		type Product Customer Drawing	
				appd		T.HANNA 12/21/94					
sheet index	revision sheet										



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PRODUCT NUMBER	1 TOT. PIN LGTH.		2 TAIL LENGTH		3 MATING LENGTH		PACKAGING	NOTES	BERGSTRIPTM AVAILABLE	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H				
	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 ↓
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 1902 <input checked="" type="checkbox"/>		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK	
ltr	ec'n no	dr	date	tolerances unless otherwise specified							
DB				angles	linear	XXL01/XXL03 XXXL005/XXXL013 XXXXL0020/XXXXL0051		INCH/MM 		title BERGSTIK® II HDR. D/R .100/2.54cc STRAIGHT	
				0'±2'				scale 1:1		dwg no 67996	
				dr	T.BREWBAKER 12/21/94				sheet 7 of 8 size A3		
				engr	T.HANNA 12/21/94				type Product Customer Drawing		
				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				BERGSTRIPT™	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	PACKAGING	NOTES	AVAILABLE	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC				
94010-XYH	0.756	19.20	0.350	8.89	0.306	7.77	POLY BAGS	—	NO	NOTE 1,13 <div>↓</div>
94532-XYH	1.250	31.75	0.450	11.43	0.700	17.78	POLY BAGS	—	NO	
95105-XY	0.370	9.40	0.126	3.20	0.144	3.66	POLY BAGS	—	NO	
95645-XYH	0.350	8.89	0.100	2.54	0.150	3.81	POLY BAGS	—	NO	
95652-XYH	0.500	12.70	0.070	1.78	0.330	8.38	POLY BAGS	—	NO	
95665-XYH	0.835	21.21	0.335	8.51	0.400	10.16	POLY BAGS	—	NO	
95687-XYH	0.820	20.83	0.360	9.14	0.360	9.14	POLY BAGS	—	NO	
95712-XYH	1.090	27.69	0.110	2.79	0.880	22.35	POLY BAGS	—	NO	
95727-XYH	0.825	20.96	0.110	2.79	0.615	15.62	POLY BAGS	—	NO	
98181-XYH	0.760	19.30	0.218	5.54	0.442	11.23	POLY BAGS	—	NO	
98217-XYH	0.756	19.20	0.328	8.33	0.328	8.33	POLY BAGS	—	NO	
98329-XYH	0.930	23.62	0.415	10.54	0.415	10.54	POLY BAGS	—	NO	
98854-XYH	0.450	11.43	0.120	3.05	0.230	5.84	TUBES	—	NO	
10017852-XYH	0.450	11.43	0.125	3.18	0.225	5.72	POLYBAGS	—	NO	
10074747-XYH	0.850	21.59	0.520	13.21	0.230	5.84	POLYBAGS	—	NO	

mat'l. code SEE NOTES 2 & 3				surface ISO 1302		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK	
ltr	ecp no	dr	date	tolerances unless otherwise specified							
DB				angles	linear	XX±.01/XX±.03 XXX±.005/XXX±.013 XXX±.0020/XXX±.005		INCH/MM scale 1:1		title BERGSTIK II HDR. D/R .100/2.54cc® STRAIGHT	
				dr	T.BREWBAKER	12/21/94			dwg no		sheet 8 of 8 size
				engr	T.HANNA	12/21/94			67996		A3
				chr	J.MURPHY	12/21/94					
				appd	T.HANNA	12/21/94			type Product Customer Drawing		
sheet index	revision sheet										