

PIN PLATING CODES:

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

NOTES

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

HIGH TEMPERATURE MATERIAL:

PART NUMBERS WITH AND WITHOUT "H" WILL BE SUPPLIED WITH HIGH TEMPERATURE PLASTIC.

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.

EIGHT DIGIT PART NUMBERS FOLLOWED BY A "A" ARE PACKAGED IN TAPE/REEL WITH PICKUP CAP P/N 95730-003 APPLIED.

LEAD FREE:

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

HALOGEN FREE:

ADD "HF" SUFFIX AT THE END OF PART NUMBER FOR HOLOGEN FREE OPTION

2. BODY MATERIAL:

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

BERGSTRIIP™ PRODUCED WITH HIGH TEMPERATURE LCP THERMOPLASTIC, FLAME RETARDENT PER UL-94V-0.
COLOR: BLACK

PART NUMBERS WITH "H" AND WITHOUT SUFFIX WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE 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-XYX-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 ±.008/0.20.

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:
PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL, OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.

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

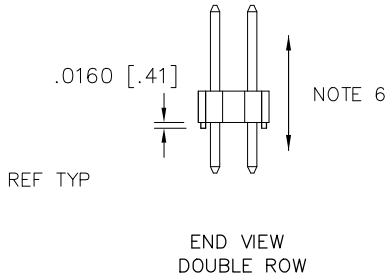
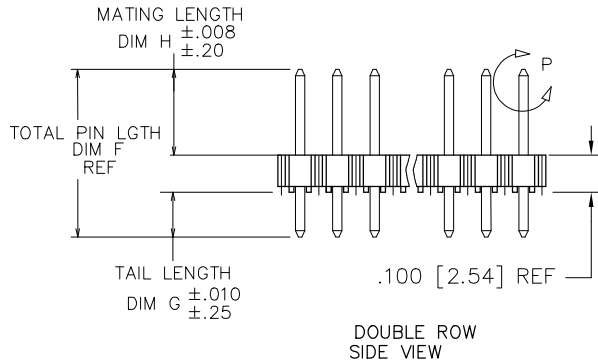
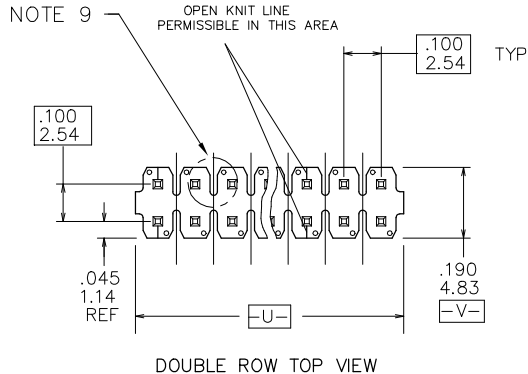
18. FOR SPECIAL PACKAGING REQUEST PLEASE CONTACT PRODUCT MANAGER FOR AVAILABILITY

19. TO DETERMINE DIMENSIONS:
N=NUMBER OF POSITION PER ROW
EXAMPLE: 10 POS. N X .100/2.54

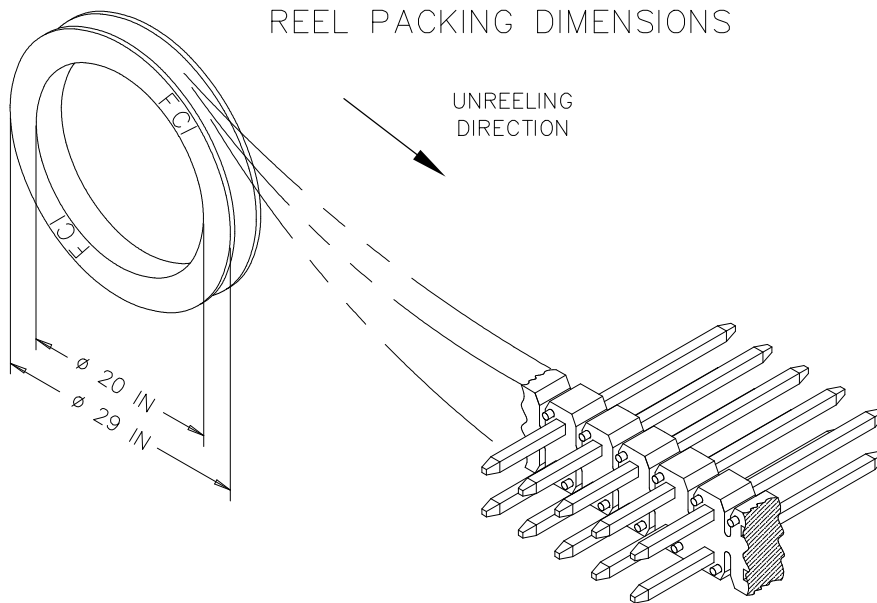
20. PART NUMBERS 68602 OR 67996 FOLLOWED BY A "D" ARE PACKAGED IN TAPE/REEL WITHOUT PICKUP CAP.

mat'l. code SEE NOTES 1 & 2				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family BERGSTIK			
ltr	ecn	no	dr	date	tolerances unless otherwise specified			title		
DK					angles	linear		BERGSTIK II HEADER D/R		
								.100/2.54cc STRAIGHT		
					0±2°		INCH/MM			
					dr	T.BREWBAKER	12/21/94	scale 2:1		
					engr	T.HANNA	07/21/99	dwg no		
					chr	J.MURPHY	07/21/99	sheet 2 of 8		
					appd	T.HANNA	07/21/99	size		
sheet	revision	DK						67996		
index	sheet	1-8						A3		
								type Product Customer Drawing		

BERGSTRIPTM HEADER



REEL PACKING DIMENSIONS



mat'l. code SEE NOTES 1 & 2				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family BERGSTIK
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title
DK					angles linear 0°±2°	scale 2:1	BERGSTIK II HEADER D/R .100/2.54cc STRAIGHT
					dr T.BREWBAKER 12/21/94		dwg no sheet3 of 8 size
					enr T.HANNA 07/21/99		67996 A3
					chr J.MURPHY 07/21/99		
					appd T.HANNA 07/21/99		type Product Customer Drawing
sheet index	revision sheet	DK	1-8				

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

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mat'l. code SEE NOTES 1 & 2				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr	ecn	no	dr	date		tolerances unless otherwise specified				title			
DK						angles		linear	.XXX±0.01 / 0.3		INCH/MM		
						0°±2°			.XXX±0.005 / .XXX±0.13		scale 2:1		
									.XXXXX±0.0020 / .XXX±0.051				
						dr	T.BREWBAKER		12/21/94		dwg no		
						engr	T.HANNA		07/21/99		sheet5 of 8		
						chr	J.MURPHY		07/21/99		size		
						appd	T.HANNA		07/21/99		A3		
sheet index		revision		DK							type Product Customer Drawing		
		sheet		1-8									

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PRODUCT NUMBER		TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		BERGSTRIPTM		LF	
		DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	PACKAGING	NOTES	AVAILABLE	OPTION
		ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC				
78995-XY		UNAVAILABLE		UNAVAILABLE		UNAVAILABLE		-		-	NOTE 1,13
78996-XY		UNAVAILABLE		UNAVAILABLE		UNAVAILABLE		-		-	
79242-XY		0.930	23.62	0.340	8.64	0.490	12.45	POLY BAGS	-	NO	OB
79243-XY		1.230	31.24	0.390	9.91	0.740	18.80	POLY BAGS	-	NO	OB
79244-XY		UNAVAILABLE		UNAVAILABLE		UNAVAILABLE		-		-	OB
79268-XY		1.020	25.91	0.120	3.05	0.800	20.32	POLY BAGS	-	NO	
79271-XY		1.100	27.94	0.500	12.70	0.500	12.70	POLY BAGS	-	NO	OB
79425-XY		0.410	10.41	0.120	3.05	0.190	4.83	POLY BAGS	-	NO	OB
79821-XY		0.730	18.54	0.200	5.08	0.430	10.92	POLY BAGS	-	NO	
84610-XYH		0.380	9.65	0.120	3.05	0.160	4.06	POLY BAGS	-	NO	OB
84760-XYH		0.870	22.09	0.150	3.81	0.620	15.74	POLY BAGS	-	NO	OB
84784-XYH		1.130	28.70	0.122	3.09	0.908	23.06	POLY BAGS	-	NO	OB
84934-XYH		1.375	34.93	0.625	15.88	0.650	16.51	POLY BAGS	-	NO	OB
84976-XYH		0.730	18.54	0.400	10.16	0.230	5.84	POLY BAGS	-	NO	OB
86503-XY		0.470	11.94	0.120	3.05	0.250	6.35	POLY BAGS	-	NO	OB
86581-XY		0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS	NOTE 8	NO	
86817-XY		0.925	23.50	0.120	3.05	0.705	17.91	POLY BAGS	-	NO	OB
86827-XY		0.700	17.78	0.120	3.05	0.480	12.19	POLY BAGS	-	NO	OB
86832-XY		0.525	13.34	0.100	2.54	0.325	8.26	POLY BAGS	-	NO	OB
86834-XY		1.335	33.91	0.585	14.86	0.650	16.51	POLY BAGS	-	NO	
86836-XY		0.870	22.10	0.120	3.05	0.650	16.51	POLY BAGS	-	NO	OB
86837-XY		0.600	15.24	0.120	3.05	0.380	9.65	POLY BAGS	-	NO	OB
87037-XY		1.240	31.50	0.120	3.05	1.020	25.91	POLY BAGS	-	NO	
87052-XY		0.990	25.15	0.120	3.05	0.770	19.56	POLY BAGS	-	NO	OB
87203-XY		0.545	13.84	0.150	3.81	0.295	7.49	POLY BAGS	-	NO	
87344-XY		1.375	34.93	0.219	5.56	1.056	26.82	POLY BAGS	-	NO	NOTE 1,13

mat'l. code SEE NOTES 1 & 2				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection INCH/MM		product family BERGSTIK											
ltr		ecn no		dr		date		tolerances unless otherwise specified				INCH/MM		title BERGSTIK II HEADER D/R .100/2.54cc STRAIGHT							
DK								angles		linear											
								0±2°				scale 2:1		dwg no sheet6 of 8 size A3							
								dr		T.BREWBAKER 12/21/94											
								engr		T.HANNA 07/21/99											
								chr		J.MURPHY 07/21/99											
								appd		T.HANNA 07/21/99		Amphenol FCI		type Product Customer Drawing							
sheet index		revision sheet		DK 1-8																	

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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 -XY Y	1.218	30.94	0.406	10.31	0.712	18.08	POLY BAGS	---	NO	NOTE 1,13
87348 -XY Y	0.930	23.62	0.100	2.54	0.730	18.54	POLY BAGS	---	NO	
87349 -XY Y	0.890	22.61	0.110	2.79	0.680	17.27	POLY BAGS	---	NO	
87381 -XY Y	0.645	16.38	0.100	2.54	0.445	11.30	POLY BAGS	---	NO	
87382 -XY Y	0.675	17.15	0.100	2.54	0.475	12.07	POLY BAGS	---	NO	
87503 -XY YH	0.630	16.00	0.110	2.79	0.420	10.67	POLY BAGS	---	NO	
87869 -XY Y	0.690	17.53	0.230	5.84	0.360	9.14	POLY BAGS	---	NO	
87894-XYY	0.588	14.94	0.170	4.32	0.318	8.08	POLY BAGS	---	NO	
87900-XYY	0.940	23.88	0.120	3.05	0.720	18.29	POLY BAGS	---	NO	
87901-XYY	1.040	26.42	0.120	3.05	0.820	20.83	POLY BAGS	---	NO	
87903 -XY Y	0.963	24.46	0.337	8.56	0.526	13.36	POLY BAGS	---	NO	
88797 -XY Y	0.950	24.13	0.320	8.13	0.530	13.46	POLY BAGS	---	NO	
88812 -XY Y	0.415	10.54	0.085	2.16	0.230	5.84	POLY BAGS/TUBES	NOTE 8	NO	
88886 -XY Y	1.306	33.17	0.276	7.01	0.930	23.62	POLY BAGS	---	NO	
89446 -XY Y	0.930	23.62	0.120	3.05	0.710	18.03	POLY BAGS	---	NO	
89540 -XY Y	0.760	19.30	0.280	7.11	0.380	9.65	POLY BAGS	---	NO	
89542 -XY Y	1.065	27.05	0.125	3.18	0.840	21.34	POLY BAGS	---	NO	
89639 -XY Y	1.260	32.00	0.118	3.00	1.042	26.47	POLY BAGS	---	NO	
91828 -XY Y	0.450	11.43	0.120	3.05	0.230	5.84	TUBES	---	NO	
92417-XYY	0.530	13.46	0.110	2.79	0.320	8.13	POLY BAGS	---	NO	
93216 -XY YH	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 -XY YH	0.395	10.03	0.095	2.41	0.200	5.08	POLY BAGS	---	NO	
93254-XYY	0.563	14.30	0.110	2.79	0.353	8.97	POLY BAGS	---	NO	

mat'l. code SEE NOTES 1 & 2				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family BERGSTIK			
ltr	ecn	no	dr	date		tolerances unless otherwise specified		title		
DK						angles	linear	BERGSTIK II HEADER D/R		
								.100/2.54cc STRAIGHT		
						0°±2°		dwg no		
								sheet 7 of 8		
				dr	T.BREWBAKER	12/21/94		size		
				enr	T.HANNA	07/21/99		67996		
				chr	J.MURPHY	07/21/99		A3		
				appd	T.HANNA	07/21/99		type Product Customer Drawing		
sheet index	revision sheet		DK 1-8							

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PRODUCT NUMBER	1 TOT. PIN LGTH.		2 3 TAIL LENGTH		4 MATING LENGTH		PACKAGING	NOTES	BERGSTRIIP AVAILABLE	LF OPTION	
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H					
	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 OB OB OB OB OB OB OB OB OB	
94532-XYH	1.250	31.75	0.450	11.43	0.700	17.78	POLY BAGS	---	NO		
95105-XYH	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	NOTE 1,13 OB OB	
10074747-XYH	0.850	21.59	0.520	13.21	0.230	5.84	POLYBAGS	---	NO		

mat'l. code SEE NOTES 1 & 2				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family BERGSTIK
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title
DK					angles linear .XX±0.01/0.3 .XXX±0.005/.XXX±0.13 .XXXX±0.0020/.XXX±0.051	INCH/MM	BERGSTIK II HEADER D/R
					0±2°	scale 2:1	.100/2.54cc STRAIGHT
				dr	T.BREWBAKER 12/21/94	Amphenol FCI	dwg no
				enr	T.HANNA 07/21/99		sheet8 of 8
				chr	J.MURPHY 07/21/99		size
				appd	T.HANNA 07/21/99		A3
sheet index	revision sheet	DK 1-8					type Product Customer Drawing