

PRODUCT NUMBER

XXXX-XY HTLF

LEAD FREE OPTION
(SEE NOTES 1)

PACKAGING OPTIONS
(SEE NOTE 1)

HIGH TEMPERATURE PLASTIC
(SEE NOTE 1)

NO OF
POSITIONS
(SEE NOTE 1)

PIN PLATING
(SEE SHEET 2)

BASE PART NO.

68000-X XX-XXX XXX LF

TAIL LENGTH (EXAMPLE BELOW)
3.0mm=030 12.8mm=128 (SEE NOTE 15 & 16)

MATING LENGTH (EXAMPLE BELOW)
5.0mm=050 25.5mm=255 (SEE NOTE 15 & 16)

TOTAL NUMBER OF POSITION
FROM 1 THRU 36 POS. (SEE NOTE 1)

PIN PLATING (SEE NOTE 13)
1=0.76µm Au
4= PURE TIN
8=0.36µm Au

BASE PART NO.

⊕ ⌀.020/.51 (M) U (M) V (S)

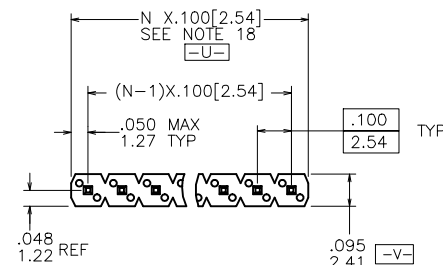
NOTE 4

□.025±.001
0.64±.03 TYP

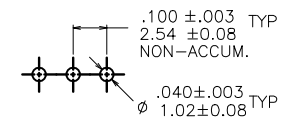
□.013
0.33 MAX TYP

DETAIL P
TYP BOTH ENDS

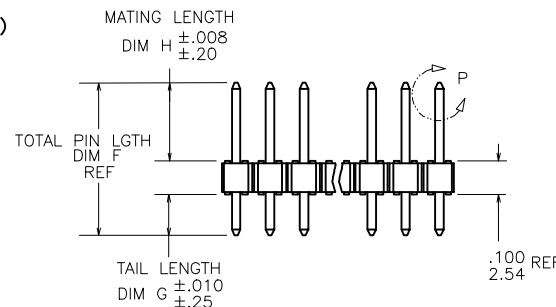
25'±5' TYP
4 SIDES



TOP VIEW

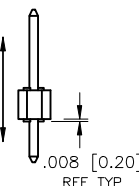


RECOMMENDED HOLE PATTERN



SIDE VIEW

NOTE 6



END VIEW

mat'l code SEE NOTES 2 & 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101	projection INCH/MM	product family BERGSTIK	
lir	ecn no	dr	date	angles	linear	.001±.01/.010	scale 1:1	title BERGSTIK® II HEADER	
CP	M07-0118	AGS	2/16/07			.001±.005/.004±0.13		.100/2.54cc SR STRAIGHT	
CR	M07-0150	AGS	3/6/07			.000±.0020/.001±0.051		dwg no 68000 sheet 1 of 8 size A3	
CS	M08-0168	MHT	2/26/08	0'±2'				type Product Customer Drawing	
CT	M06-0265	MHT	9/23/08	dr	T.BREWBAKER	01/05/95			
CU	M08-0331	MHT	12/01/08	eng	T.HANNA	01/05/95			
CV	M09-0090	MHT	6/19/09	chr	J.MURPHY	01/05/95			
CW	M09-0105	MHT	7/10/09	appd	T.HANNA	01/05/95			
sheet	revision	CW	CW	CW	CW	CW	CW		
index	sheet	1	2	3	4	5	6		

PIN PLATING CODES:	
XXXX-1YY	30u"/0.76u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXX-2YY	15u"/0.38u MIN (SEE NOTE 13) 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 14)
XXXX-4YYHLF	
XXXX-5YY	15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXX-6YY	30u"/0.76u MIN (SEE NOTE 13) 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 TEMP. MATERIAL:

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

NUMBER OF POSITIONS :

ANY NUMBER OF POSITIONS FROM 1 THRU 36.
-X00H INDICATES BERGSTRIK PRODUCT. SEE PAGE 3 FOR SPECIAL GEOMETRY OF THIS CONTINUOUS STRIP PRODUCT.
AUTOMATED REELS WILL CONTAIN 36,000 PINS.
SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.

PACKAGING :

NO INDICATOR IS STANDARD PACKAGING 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 "C" ARE PACKAGED IN TUBES WITH PICKUP CAP APPLIED. (NOT TOOLED)

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

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 :

BERGSTIK: MANUFACTURER'S OPTION OF NYLON, PCT GLASS FIBER REINFORCED, OR LCP MINERAL FILLED FLAME RETARDANT PER UL-94V-0.

COLOR : BLACK

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

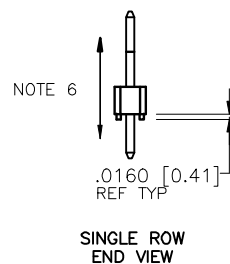
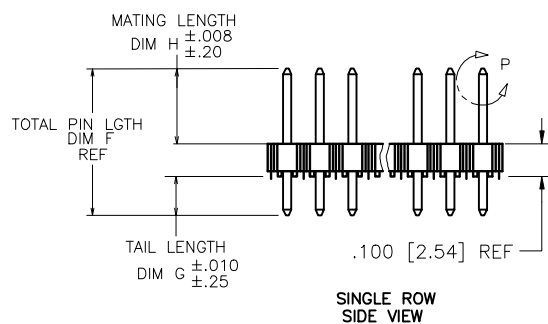
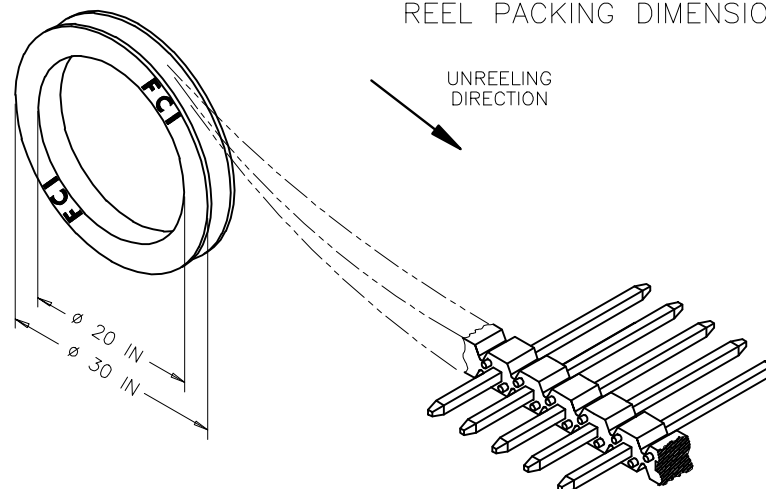
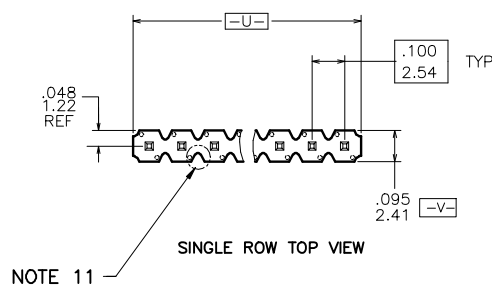
PART NUMBERS WITH AND WITHOUT "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

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. PIN CANNOT PROTRUDE PAST EDGE OF HOUSING. MUST BE .005±.005/.13±.13 FROM END OF HOUSING HOLE.
8. MILITARY BERGSTIK HEADER
P/N XXXXX-YYY-MIL.
NOT AVAILABLE.
9. ±.010/0.25 TOL APPLIES TO ALL "G" TAILS EXCEPT INDICATED PARTS ON TABLE WHERE +.010/0.25 -.000/0.00 APPLIES.
10. INDICATED PART NUMBERS ARE PRODUCED AND SOLD IN THE TAIWAN/SINGAPORE AREAS. THESE ARE NOT AVAILABLE IN BERGSTRIK™ CONTINUOUS STRIP.
11. NOTCH CONFIGURATION WILL VARY PER VENDOR'S DISCRETION.
12. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
13. PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.
14. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."
15. THE OAL DON'T EXCEED 34.5mm
16. INCREMENTS BY 0.1mm IN LENGTHS ONLY
17. FOR SPECIAL PACKAGING REQUEST PLEASE CONTACT PRODUCT MANAGER FOR AVAILABILITY
18. TO DETERMINE DIMENSIONS:
N=NUMBER OF POSITION PER ROW
EXAMPLE: 10 POS. N X .100/2.54

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	title BERGSTIK II HEADER
cw				linear XX±.01/XX±.03 XXX±.005/XXX±.013 XXX±.0020/XXX±.0051	100/2.54cc SR STRAIGHT
				angles 0°±2'	scale 1:1
		dr	T.BREWBAKER	01/05/95	dwg no
		engr	T.HANNA	01/05/95	sheet 2 of 8
		chr	J.MURPHY	01/05/95	size A3
		appd	T.HANNA	01/05/95	type Product Customer Drawing
sheet	revision				
index	sheet				

BERGSTRIPTM HEADER

REEL PACKING DIMENSIONS



mat'l. code SEE NOTES 2 & 3			surface ISO 1302	tolerance ISO 406 ISO 1101	projection FIRST ANGLE	product family BERGSTIK
lfr	ecn no	dr	date	tolerances unless otherwise specified	INCH/MM	title BERGSTIK® II HEADER
CW				angles linear 0° ± 2°	scale 1:1	.100/2.54cc SR STRAIGHT
				dr T.BREWBAKER 01/05/95		dwg no 68000
				engr T.HANNA 01/05/95		sheet 3 of 8 size A3
				chr J.MURPHY 01/05/95		
				appd T.HANNA 01/05/95		type Product Customer Drawing
sheet index	revision sheet					



Copyright FCJ

PRODUCT NUMBER	TOTAL PIN LGTH		TAIL LENGTH		MATING LENGTH				BERGSTRIPTM	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H			AVAILABLE	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	PACKAGING	NOTES		
68629-YYY	0.621	15.77	0.203	5.16	0.318	8.08	POLY BAGS	—	NO	NOTE 1,12
68630-YYY	0.603	15.32	0.273	6.93	0.230	5.84	POLY BAGS	—	NO	
68631-YYY	0.703	17.86	0.203	5.16	0.400	10.16	POLY BAGS	—	NO	
68632-YYY	0.743	18.87	0.413	10.49	0.230	5.84	POLY BAGS	—	NO	
68633-YYY	0.643	16.33	0.225	5.72	0.318	8.08	POLY BAGS	—	NO	
68634-YYY	1.013	25.73	0.683	17.35	0.230	5.84	POLY BAGS	—	NO	
68642-YYY	0.913	23.19	0.583	14.81	0.230	5.84	POLY BAGS	—	NO	
68652-YYY	1.470	37.34	0.670	17.02	0.700	17.78	POLY BAGS	—	NO	
68653-YYY	0.735	18.67	0.095	2.41	0.540	13.72	POLY BAGS	—	NO	
68654-YYY	1.050	26.67	0.670	17.02	0.280	7.11	POLY BAGS	—	NO	
68655-YYY	0.708	17.98	0.290	7.37	0.318	8.08	POLY BAGS	—	NO	
68656-YYY	1.113	28.27	0.613	15.57	0.400	10.16	POLY BAGS	—	NO	
68657-YYY	0.588	14.94	0.368	9.35	0.120	3.05	POLY BAGS	—	NO	
68658-YYY	0.820	20.83	0.130	3.30	0.590	14.99	POLY BAGS	—	NO	
68659-YYY	0.608	15.44	0.398	10.11	0.110	2.79	POLY BAGS	—	NO	
68686-YYY	1.016	25.81	0.458	11.63	0.458	11.63	POLY BAGS	—	NO	
68689-YYY	0.913	23.19	0.213	5.41	0.600	15.24	POLY BAGS	—	NO	
68705-YYY	0.395	10.03	0.095	2.41	0.200	5.08	POLY BAGS	—	NO	
68717-YYY	0.615	15.62	0.285	7.24	0.230	5.84	POLY BAGS	—	NO	
68730-YYY	0.555	14.10	0.225	5.72	0.230	5.84	POLY BAGS	—	NO	
68731-YYY	0.880	22.35	0.440	11.18	0.340	8.64	POLY BAGS	—	NO	
68735-YYY	1.016	25.81	0.520	13.21	0.396	10.06	POLY BAGS	—	NO	
68755-YYY	1.166	29.62	0.533	13.54	0.533	13.54	POLY BAGS	—	NO	
68760-YYY	0.803	20.40	0.353	8.97	0.350	8.89	POLY BAGS	—	NO	
68762-YYY	0.588	14.94	0.213	5.41	0.275	6.99	POLY BAGS	—	NO	
68771-YYY	0.470	11.94	0.100	2.54	0.270	6.86	POLY BAGS	—	NO	
68781-YYY	0.691	17.55	0.273	6.93	0.318	8.08	POLY BAGS	—	NO	
										NOTE 1,12

mat'l. code SEE NOTES 2 & 3				Surface ISO 1302		Tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK	
ltr				ecp no		dr		date		title	
CW										BERGSTIK® II HEADER	
										.100/2.54cc SR STRAIGHT	
										dwg no	
										sheet 5 of 8	
										size	
										A3	
										type	
										Product Customer Drawing	
sheet				revision							
index				sheet							

PRODUCT NUMBER		TOTAL PIN LGTH		TAIL LENGTH		MATING LENGTH				BERGSTRIPT™		LF OPTION								
DIM F		DIM F	DIM G	DIM G	DIM H	DIM H			AVAILABLE											
ENGLISH		METRIC	ENGLISH	METRIC	ENGLISH	METRIC	PACKAGING		NOTES											
68795-XXY		0.500	12.70	0.062	1.57	0.338	8.59	POLY BAGS		—		NO	NOTE 1,12							
68796-XXY		0.633	16.08	0.423	10.74	0.110	2.79	POLY BAGS		—		NO								
68797-XXY		0.413	10.49	0.213	5.41	0.100	2.54	POLY BAGS		—		NO								
69148-XXY		0.442	11.43	0.000	0.00	0.350	8.89	POLY BAGS		—		NO								
69152-XXY		0.720	18.29	0.120	3.05	0.500	12.70	POLY BAGS/TUBES		—		NO								
69173-XXY		0.530	13.46	0.135	3.43	0.295	7.49	POLY BAGS		—		NO								
69188-XXY		0.751	19.08	0.333	8.46	0.318	8.08	POLY BAGS		—		NO								
69751-XXY		0.440	11.18	0.170	4.32	0.170	4.32	POLY BAGS		NOTE 10		NO								
71417-XXY		0.664	16.87	0.115	2.92	0.449	11.40	POLY BAGS		NOTE 10		NO								
72260-XXYH		0.930	23.62	0.090	2.29	0.740	18.80	POLY BAGS		—		NO								
72323-XXYH		1.200	30.48	0.100	2.54	1.000	25.40	POLY BAGS		—		NO								
72457-XXYH		1.100	27.94	0.090	2.29	0.910	23.11	POLY BAGS		—		NO								
73698-XXYH		1.100	27.94	0.120	3.05	0.880	22.35	POLY BAGS		—		NO								
74464-XXYH		1.028	26.11	0.610	15.49	0.318	8.08	POLY BAGS		—		NO								
78240-XXY		0.663	16.84	0.333	8.46	0.230	5.84	POLY BAGS		—		NO								
78287-XXY		0.678	17.22	0.120	3.05	0.458	11.63	POLY BAGS		—		NO								
78290-XXY		1.250	31.75	0.500	12.70	0.650	16.51	POLY BAGS		—		NO								
78511-XXY		0.538	13.67	0.120	3.05	0.318	8.08	POLY BAGS/TUBES		—		YES								
78595-XXY				NOT	AVAILABLE					—		—								
78931-XXY				NOT	AVAILABLE					—		—								
78958-XXY				NOT	AVAILABLE					—		—								
78959-XXY				NOT	AVAILABLE					—		—								
78977-XXY				NOT	AVAILABLE					—		—								
78998-XXY		0.430	10.92	0.155	3.94	0.175	4.45	POLY BAGS		—		NO								
78999-XXY				NOT	AVAILABLE					—		—								
79428-XXY		0.695	17.65	0.120	3.05	0.475	12.07	POLY BAGS		—		NO								
79849-XXY		0.620	15.75	0.120	3.05	0.400	10.16	POLY BAGS		—		NO	NOTE 1,12							

Copyright FCJ

FCJ

FCconnect.com

mat'l code SEE NOTES 2 & 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr		ecn no		dtr		date		tolerances unless otherwise specified				title	
CW								angles		linear		.XXX±.01/.X±0.3 .XXX±.005/.XXX±0.13 .XXX±.002/.XXX±0.051	
								0' ±2'				INCH/MM	
								dtr		T.BREWBAKER		01/05/95	
								engr		T.HANNA		01/05/95	
								chr		J.MURPHY		01/05/95	
								appd		T.HANNA		01/05/95	
sheet index		revision		sheet									

sheet 6 of 8		size	
68000		A3	
type Product Customer Drawing			

form: A3

1

2

3

4

5

6

A

B

C

D

6



Copyright FCI

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	title
CW				angles	linear		BERGSTIK® II HEADER
				0° ± 2'	XXXX ± .005 / XXX ± 0.13	scale 1:1	.100/2.54cc SR STRAIGHT
				dr	T.BREWBAKER 01/05/95	FCI	dwg no
				engr	T.HANNA 01/05/95		sheet 6 of 8 size
				chr	J.MURPHY 01/05/95		68000 A3
				appd	T.HANNA 01/05/95		type Product Customer Drawing
sheet index	revision	sheet					

PRODUCT NUMBER	TOTAL PIN LGTH		TAIL LENGTH		MATING LENGTH				BERGSTRIPTM	LF OPTION	
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H			AVAILABLE		
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	PACKAGING	NOTES			
84918-XYH	0.340	8.64	0.120	3.05	0.120	3.05	POLY BAGS	—	YES	NOTE 1,12 <	

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						title BERGSTIK® II HEADER	
cw				angles	linear	.XX±.01/XX±0.3 .XXX±.005/XX±0.13 .XXX±.0020/XXX±0.051		INCH/MM		.100/2.54cc SR STRAIGHT	
				0'±2'				scale 1:1		dwg no 68000	
				dr	T.BREWBAKER	01/05/95				sheet 7 of 8 size A3	
				engr	T.HANNA	01/05/95					
				chr	J.MURPHY	01/05/95					
				appd	T.HANNA	01/05/95				type Product Customer Drawing	
sheet index	revision	sheet									



FCIconnect.com

Copyright FCI

PRODUCT NUMBER	1 TOTAL PIN LGTH		TAIL LENGTH		2 3 MATING LENGTH		4		BERGSTRIPTM AVAILABLE	LF OPTION	5	6
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H						
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	PACKAGING	NOTES				
90522-YYY	0.668	16.97	0.135	3.43	0.433	11.00	POLY BAGS	NOTE 10	NO	NOTE 1,12		
90547-YYY	0.508	12.90	0.095	2.41	0.313	7.95	POLY BAGS	NOTE 10	NO			
90719-YYY	0.384	9.75	0.106	2.69	0.178	4.52	POLY BAGS	-	NO			
90726-YYY	0.440	11.18	0.110	2.79	0.230	5.84	POLY BAGS	-	YES			
91276-YYY	1.225	31.12	0.225	5.72	0.900	22.86	POLY BAGS	-	NO			
92020-YYY	0.372	9.45	0.094	2.39	0.178	4.52	POLY BAGS	-	NO			
92418-YYY	0.572	14.53	0.118	3.00	0.354	8.99	POLY BAGS	-	NO			
93167-YYY	0.394	10.01	0.059	1.50	0.235	5.97	POLY BAGS	-	NO			
93287-YYYH	0.585	14.86	0.085	2.16	0.400	10.16	POLY BAGS	-	NO			
93944-YYY	0.941	23.90	0.130	3.30	0.711	18.06	POLY BAGS	-	NO			
93992-YYYH	0.415	10.54	0.085	2.16	0.230	5.84	POLY BAGS	-	NO			
94063-YYY	0.376	9.55	0.138	3.51	0.138	3.51	POLY BAGS	NOTE 10	NO			
94094-YYY	0.592	15.04	0.314	7.98	0.178	4.52	POLY BAGS	-	NO			
94544-YYY	0.550	13.97	0.130	3.30	0.330	8.38	POLY BAGS	NOTE 10	NO			
94611-YYYH	0.320	8.13	0.095	2.41	0.125	3.18	POLY BAGS	-	NO			
95017-YYYH	0.560	14.22	0.060	1.52	0.400	10.16	POLY BAGS	-	NO			
95103-YYY	1.064	27.03	0.433	11.00	0.531	13.49	POLY BAGS	NOTE 10	NO			
95104-YYY	0.370	9.40	0.126	3.20	0.144	3.66	POLY BAGS	NOTE 10	NO			
95648-YYYH	0.655	16.64	0.155	3.94	0.400	10.16	POLY BAGS	-	NO			
95655-YYY	1.164	29.57	0.095	2.41	0.969	24.61	POLY BAGS	NOTE 10	NO			
98001-YYYH	0.610	15.49	0.420	10.67	0.090	2.29	POLY BAGS	-	NO			
98136-YYYH	0.475	12.07	0.095	2.41	0.280	7.11	POLY BAGS	-	NO			
10004394-YYYH	0.290	7.37	0.095	2.41	0.095	2.41	POLY BAGS	-	NO			
10076764-XXYH	0.479	12.19	0.114	2.9	0.265	6.75	POLY BAGS	-	YES			
10103017-YYY	0.335	8.51	0.130	3.30	0.105	2.67	POLY BAGS	-	NO	NOTE 1,12		

mat'l code SEE NOTES 2 & 3				surface ISO 1502 ☒		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK	
ltr	ec'n no	dr	date	tolerances unless otherwise specified						title	
CW				angles	linear	.001±.01/.010.3 .001±.005/.004±.0.13 .0001±.0020/.0001±.0.051		INCH/MM		BERGSTIK® II HEADER	
				0° ± 2'		XXXXX±.0020/.0001±.0.051		scale 1:1		.100/2.54cc SR STRAIGHT	
				dr	T.BREWBAKER 01/05/95						dwg no
				engr	T.HANNA 01/05/95						sheet 8 of 8 size
				chr	J.MURPHY 01/05/95						68000 A3
				appd	T.HANNA 01/05/95						type Product Customer Drawing
sheet index	revision	sheet									

form A3