

PRODUCT NUMBER
XXXXX-XXYHXLFX

ADDITIONAL CODE
(SEE NOTE 1)

LEAD FREE OPTION
(SEE NOTE 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.

Ø.020/.51 (M) U (M) V (S)

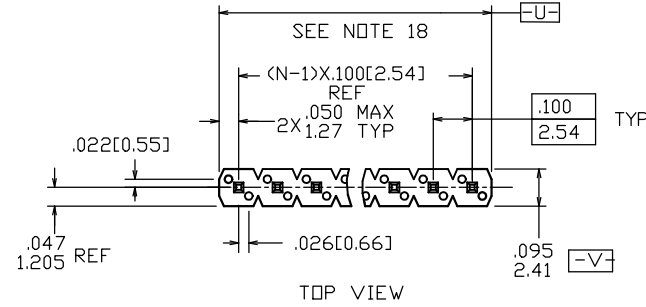
NOTE 4

Ø.025±.001
0.64±.03 TYP

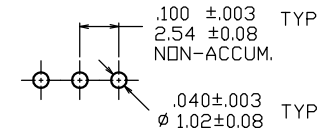
Ø.013
0.33 MAX TYP

25°±5°TYP
4 SIDES

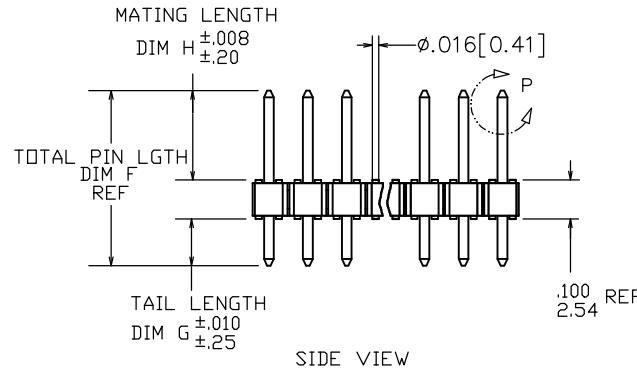
DETAIL P
TYP BOTH ENDS



TOP VIEW

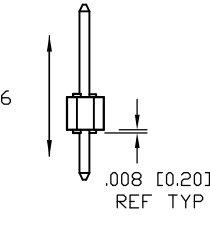


RECOMMENDED HOLE PATTERN

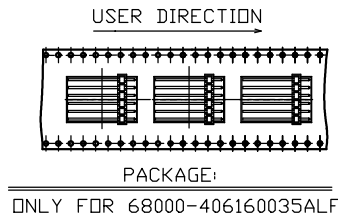


SIDE VIEW

NOTE 6



END VIEW

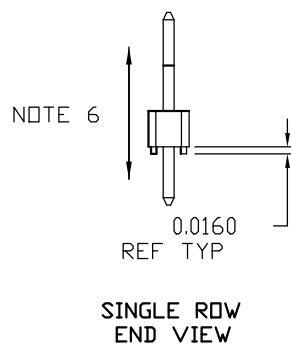
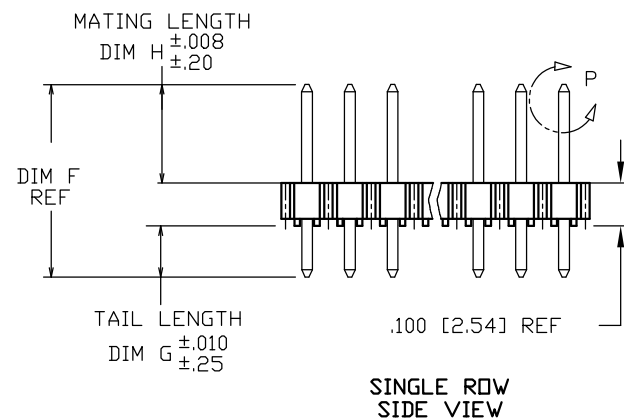
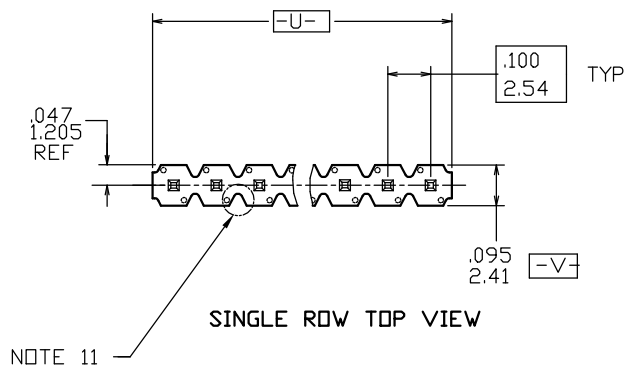


mat'l. code NOTES 2 & 3				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified		scale 1:1	title BERGSTIK® II HEADER .100/2.54cc SR STRAIGHT			
CY	ELX-N-011895	JZ	2012-06-12	angles	.XX±01/.X±3		dwg no			
DA	ELX-N-16105	ZK	2013-10-22	linear	.XXX±0.006/.XX±.15	Amphenol FCI	sheet 1 of 8			
DB	ELX-N-17329	ZK	2014-03-27	0°±2'	.XXX±0.0002/.XXX±.005		size A3			
DC	ELX-N-28578	MZ	2017-11-23	dr	T.BREWBAKER	01/05/95	type Product Customer Drawing			
DD	ELX-N-35840	MZ	2020-01-08	engr	T.HANNA	01/05/95				
DE	ELX-N-38872	MX	2020-11-04	chr	J.MURPHY	01/05/95				
DF	ELX-N-39694	MX	2020-12-17	appd	T.HANNA	01/05/95				
sheet index	revision	DF	DF	DF	DF	DF	DF	DF	DF	DF
	sheet	1	2	3	4	5	6	7	8	

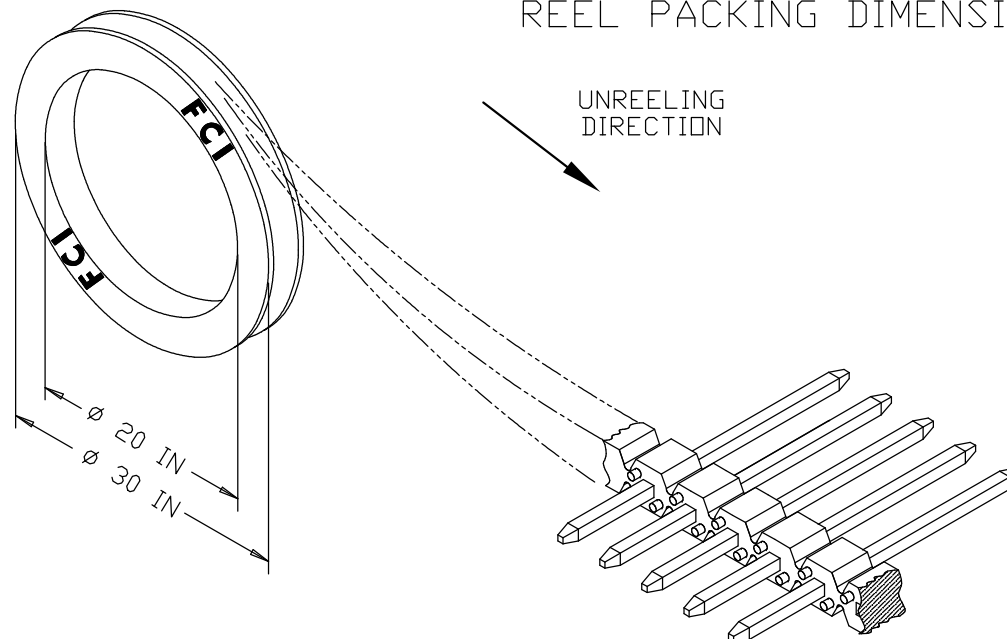
D

XXXXX-1YY	30u"/0.76u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXXX-2YY	15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXXX-3YY	50u"/1.27u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 14)
XXXXX-4YYHLF	
XXXXX-5YY	15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXXX-6YY	30u"/0.76u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXXX-7YY	30u"/0.76u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXXX-8YY	15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXXX-9YY	15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXXX-0YY	30u"/0.76u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni

BERGSTRIPTM HEADER



REEL PACKING DIMENSIONS



mat'l. code 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 HEADER .100/2.54cc SR STRAIGHT			
DF				angles		.XX±01/.X±3							
				linear		.XXX±0.006/.XX±.15							
				0'±2"		.XXXX±0.0002/.XXX±.005							
				dr	T.BREWBAKER		01/05/95		dwg no		sheet 3 of 8		size
				enr	T.HANNA		01/05/95		Amphenol FCI		68000		A3
				chr	J.MURPHY		01/05/95						
				appd	T.HANNA		01/05/95						
sheet index		revision sheet								type Product Customer Drawing			

Amphenol
FCI

© 2016 AFCl

1

2

3

4

5

6

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		
55492-XXYH	0.315	8.00	0.095	2.41	0.120	3.05	POLY BAGS	-	NO	NOTE 1,12
60017-XXYH	0.620	15.75	0.210	5.33	0.310	7.87	POLY BAGS	-	NO	
60018-XXYH	0.660	16.76	0.250	6.35	0.310	7.87	POLY BAGS	-	NO	
63334-XXYH	0.435	11.05	0.095	2.41	0.240	6.10	POLY BAGS	-	NO	
68000-XXY	0.425	10.80	0.095	2.41	0.230	5.84	POLY BAGS	-	YES	
68001-XXY	0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS/TUBES	-	YES	
68002-XXY	0.480	12.19	0.150	3.81	0.230	5.84	POLY BAGS	-	YES	
68003-XXY	0.525	13.34	0.195	4.95	0.230	5.84	POLY BAGS	-	NO	
68004-XXY	0.525	13.34	0.107	2.72	0.318	8.08	POLY BAGS	-	YES	
68024-XXY	0.568	14.43	0.150	3.81	0.318	8.08	POLY BAGS	-	YES	
68031-XXY	0.513	13.03	0.183	4.65	0.230	5.84	POLY BAGS	-	NO	
68032-XXY	0.543	13.79	0.213	5.41	0.230	5.84	POLY BAGS	-	NO	
68033-XXY	0.708	17.98	0.473	12.01	0.135	3.43	POLY BAGS	-	NO	
68415-XXY	0.615	15.62	0.115	2.92	0.400	10.16	POLY BAGS	-	NO	
68416-XXY	0.813	20.65	0.483	12.27	0.230	5.84	POLY BAGS	-	NO	
68418-XXY	0.730	18.54	0.400	10.16	0.230	5.84	POLY BAGS	-	NO	
68422-XXY	0.631	16.03	0.213	5.41	0.318	8.08	POLY BAGS	-	NO	
68443-XXY	0.755	19.18	0.425	10.80	0.230	5.84	POLY BAGS	-	NO	
68456-XXY	0.825	20.96	0.115	2.92	0.610	15.49	POLY BAGS	-	NO	
68457-XXY	0.548	13.92	0.130	3.30	0.318	8.08	POLY BAGS	-	NO	
68465-XXY	0.925	23.50	0.595	15.11	0.230	5.84	POLY BAGS	-	NO	
68466-XXY	0.925	23.50	0.128	3.25	0.697	17.70	POLY BAGS	-	NO	
68472-XXY	0.913	23.19	0.413	10.49	0.400	10.16	POLY BAGS	-	NO	
68479-XXY	0.718	18.24	0.388	9.86	0.230	5.84	POLY BAGS	-	NO	
68483-XXY	0.835	21.21	0.417	10.59	0.318	8.08	POLY BAGS	-	NO	
68487-XXY	0.705	17.91	0.110	2.79	0.495	12.57	POLY BAGS	-	NO	
68489-XXY	1.095	27.81	0.765	19.43	0.230	5.84	POLY BAGS	-	NO	
68490-XXY	1.025	26.04	0.695	17.65	0.230	5.84	POLY BAGS	-	NO	
68497-XXY	0.612	15.54	0.085	2.16	0.427	10.85	POLY BAGS	-	NO	
68603-XXY	0.555	14.10	0.120	3.05	0.335	8.51	POLY BAGS	-	NO	
68604-XXY	0.600	15.24	0.120	3.05	0.380	9.65	POLY BAGS	-	NO	NOTE 1,12

mat'l. code
NOTES 2 & 3

ltr

ecn no

dr

date

surface
ISO 1302 ✓

tolerance
ISO 406
ISO 1101

projection

product family
BERGSTIK

title
BERGSTIK® II HEADER
.100/2.54cc SR STRAIGHT

linear
.XX±0.1/.X±.3
.XXX±0.006/.XX±.15
.XXXX±0.0002/.XXXX±.005

scale 1:1

Amphenol
FCI

dwg no
68000

sheet 4 of 8

size
A3

type Product Customer Drawing

sheet index

revision sheet

dr

T.BREWBAKER

01/05/95

enr

T.HANNA

01/05/95

chr

J.MURPHY

01/05/95

appd

T.HANNA

01/05/95

form: A3-2016-02-24

1

2

3

4

5

6

PDS: Rev :DF

STATUS: Released

Printed: Jan 29, 2021

Amphenol
FCi

© 2016 AFCI

D

A

B

C

D

1				2		3								4			5		6
PRODUCT NUMBER		TOTAL PIN LGTH		TAIL LENGTH		MATING LENGTH						BERGSTRIPTM		LF					
		DIM F	DIM F	DIM G	DIM G	DIM H	DIM H					AVAILABLE		OPTION					
		ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	PACKAGING		NOTES									
68795-XXX		0.500	12.70	0.062	1.57	0.338	8.59	POLY BAGS		---		NO		OB					
68796-XXX		0.633	16.08	0.423	10.74	0.110	2.79	POLY BAGS		---		NO		OB					
68797-XXX		0.413	10.49	0.213	5.41	0.100	2.54	PE BAG/TAPE&REEL		---		NO		NOTE 1,12					
68797-XXYR		0.413	10.49	0.100	2.54	0.213	5.41	PE BAG/TAPE&REEL		---		NO		NOTE 1,12					
69148-XXX		0.442	11.43	0.000	0.00	0.350	8.89	POLY BAGS		---		NO		OB					
69152-XXX		0.720	18.29	0.120	3.05	0.500	12.70	POLY BAGS/TUBES		---		NO		OB					
69173-XXX		0.530	13.46	0.135	3.43	0.295	7.49	POLY BAGS		---		NO							
69188-XXX		0.751	19.08	0.333	8.46	0.318	8.08	POLY BAGS		---		NO							
69751-XXX		0.440	11.18	0.170	4.32	0.170	4.32	POLY BAGS		NOTE 10		NO		OB					
71417-XXX		0.664	16.87	0.115	2.92	0.449	11.40	POLY BAGS		NOTE 10		NO		OB					
72260-XXYH		0.930	23.62	0.090	2.29	0.740	18.80	POLY BAGS		---		NO		OB					
72323-XXYH		1.200	30.48	0.100	2.54	1.000	25.40	POLY BAGS		---		NO		OB					
72457-XXYH		1.100	27.94	0.090	2.29	0.910	23.11	POLY BAGS		---		NO		OB					
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		OB					
78240-XXX		0.663	16.84	0.333	8.46	0.230	5.84	POLY BAGS		---		NO		OB					
78287-XXX		0.678	17.22	0.120	3.05	0.458	11.63	POLY BAGS		---		NO		OB					
78290-XXX		1.250	31.75	0.500	12.70	0.650	16.51	POLY BAGS		---		NO							
78511-XXX		0.538	13.67	0.120	3.05	0.318	8.08	POLY BAGS/TUBES		---		YES							
78595-XXX			NOT	AVAILABLE						---		---							
78931-XXX			NOT	AVAILABLE						---		---							
78958-XXX			NOT	AVAILABLE						---		---							
78959-XXX			NOT	AVAILABLE						---		---							
78977-XXX			NOT	AVAILABLE						---		---							
78998-XXX		0.430	10.92	0.155	3.94	0.175	4.45	POLY BAGS		---		NO							
78999-XXX			NOT	AVAILABLE						---		---		NOTE 1,12					
79428-XXX		0.695	17.65	0.120	3.05	0.475	12.07	POLY BAGS		---		NO		OB					
79849-XXX		0.620	15.75	0.120	3.05	0.400	10.16	POLY BAGS		---		NO		OB					

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	OB
84921-XYH	0.370	9.40	0.150	3.81	0.120	3.05	POLY BAGS	-	YES	OB
86506-XY	0.440	11.18	0.120	3.05	0.220	5.59	POLY BAGS	-	YES	OB
86579-XY	0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS	NOTE 9	NO	OB
86634-XY		NOT	AVAILABLE					-	-	NOTE 1,12
86635-XY		NOT	AVAILABLE					-	-	
86636-XY		NOT	AVAILABLE					-	-	
86637-XY		NOT	AVAILABLE					-	-	
86638-XY		NOT	AVAILABLE					-	-	
86793-XY	0.900	22.86	0.100	2.54	0.700	17.78	POLY BAGS	NOTE 10	NO	OB
86899-XY	1.020	25.91	0.120	3.05	0.800	20.32	POLY BAGS	-	NO	OB
87185-XY	1.238	31.45	0.095	2.41	1.043	26.49	POLY BAGS	NOTE 10	NO	
87204-XY	0.895	22.73	0.120	3.05	0.675	17.15	POLY BAGS	-	NO	OB
87241-XY	1.000	25.40	0.120	3.05	0.780	19.81	POLY BAGS	-	NO	OB
87502-XYH	1.130	28.70	0.110	2.79	0.920	23.37	POLY BAGS	-	NO	OB
87827-XY	0.380	9.65	0.120	3.05	0.160	4.06	POLY BAGS	-	NO	
87916-XY	1.058	26.87	0.128	3.25	0.830	21.08	POLY BAGS	-	NO	NOTE 1,12
88005-XY	0.536	13.61	0.095	2.41	0.341	8.66	POLY BAGS	NOTE 10	NO	OB
88706-XY	0.900	22.86	0.100	2.54	0.700	17.78	POLY BAGS	-	NO	OB
89232-XY	0.325	8.26	0.000	0.00	0.230	5.84	POLY BAGS	NOTE 7	NO	OB

mat'l. code NOTES 2 & 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr	ecr no	dr	date	tolerances unless otherwise specified						title			
DF				angles	linear	.XX±01/ .X±.3		INCH/MM ↔		BERGSTIK® II HEADER .100/2.54cc SR STRAIGHT			
						.XXX±0.006/ .XX±.15							
				0±.2°		.XXX±0.0002/ .XXX±.005		scale 1:1					
				dr	T.BREWBAKER	01/05/95				dwg no		sheet 7 of 8	size
				enr	T.HANNA	01/05/95				68000		A3	
				chr	J.MURPHY	01/05/95							
				appd	T.HANNA	01/05/95							
sheet index		revision sheet											

Amphenol
FCI
© 2016 AFCE

PRODUCT NUMBER	TOTAL PIN LGTH		TAIL LENGTH		MATING LENGTH				BERGSTRI	LF OPTION	
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H			AVAILABLE		
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	PACKAGING		NOTES		
90522-XXX	0.668	16.97	0.135	3.43	0.433	11.00	POLY BAGS	NOTE 10	NO	OB	NOTE 1,12
90547-XXX	0.508	12.90	0.095	2.41	0.313	7.95	POLY BAGS	NOTE 10	NO	OB	
90719-XXX	0.384	9.75	0.106	2.69	0.178	4.52	POLY BAGS	—	NO		
90726-XXX	0.440	11.18	0.110	2.79	0.230	5.84	POLY BAGS	—	YES	OB	
91276-XXX	1.225	31.12	0.225	5.72	0.900	22.86	POLY BAGS	—	NO		
92020-XXX	0.372	9.45	0.094	2.39	0.178	4.52	POLY BAGS	—	NO	OB	
A 92418-XXX	0.572	14.53	0.118	3.00	0.354	8.99	POLY BAGS	—	NO	OB	
93167-XXX	0.394	10.01	0.059	1.50	0.235	5.97	POLY BAGS	—	NO	OB	
93287-XXYH	0.585	14.86	0.085	2.16	0.400	10.16	POLY BAGS	—	NO		
93944-XXX	0.941	23.90	0.130	3.30	0.711	18.06	POLY BAGS	—	NO		
93992-XXYH	0.415	10.54	0.085	2.16	0.230	5.84	POLY BAGS	—	NO		
94063-XXX	0.376	9.55	0.138	3.51	0.138	3.51	POLY BAGS	NOTE 10	NO		
94094-XXX	0.592	15.04	0.314	7.98	0.178	4.52	POLY BAGS	—	NO	OB	
94544-XXX	0.550	13.97	0.130	3.30	0.330	8.38	POLY BAGS	NOTE 10	NO	OB	
94611-XXYH	0.320	8.13	0.095	2.41	0.125	3.18	POLY BAGS	—	NO		
95017-XXYH	0.560	14.22	0.060	1.52	0.400	10.16	POLY BAGS	—	NO	OB	
B 95103-XXX	1.064	27.03	0.433	11.00	0.531	13.49	POLY BAGS	NOTE 10	NO	OB	
95104-XXX	0.370	9.40	0.126	3.20	0.144	3.66	POLY BAGS	NOTE 10	NO	OB	
95648-XXYH	0.655	16.64	0.155	3.94	0.400	10.16	POLY BAGS	—	NO	OB	
95655-XXX	1.164	29.57	0.095	2.41	0.969	24.61	POLY BAGS	NOTE 10	NO	OB	
98001-XXYH	0.610	15.49	0.420	10.67	0.090	2.29	POLY BAGS	—	NO	OB	
98136-XXYH	0.475	12.07	0.095	2.41	0.280	7.11	POLY BAGS	—	NO	OB	
10004394-XXYH	0.290	7.37	0.095	2.41	0.095	2.41	POLY BAGS	—	NO	OB	
10076764-XXYH	0.479	12.19	0.114	2.9	0.265	6.75	POLY BAGS	—	YES	OB	
10103017-XXX	0.335	8.51	0.130	3.30	0.105	2.67	POLY BAGS	—	NO	OB	
C 10121349-XXX	0.626	15.9	0.120	3.05	0.406	10.3	POLY BAGS/TAPE REEL	—	NO	NOTE 1,12	

mat'l. code NOTES 2 & 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr ecn no dr date				tolerances unless otherwise specified						title			
DF				angles		linear		INCH/MM		BERGSTIK® II HEADER			
				0°±2'		.XXX±0.006/.XX±.15 .XXXX±0.0002/.XXXX±.005		scale 1:1		.100/2.54cc SR STRAIGHT			
				dr		T.BREWBAKER		01/05/95		dwg no sheet 8 of 8 size			
				enr		T.HANNA		01/05/95		68000 A3			
				chr		J.MURPHY		01/05/95		type Product Customer Drawing			
				appd		T.HANNA		01/05/95					
sheet index		revision sheet											