



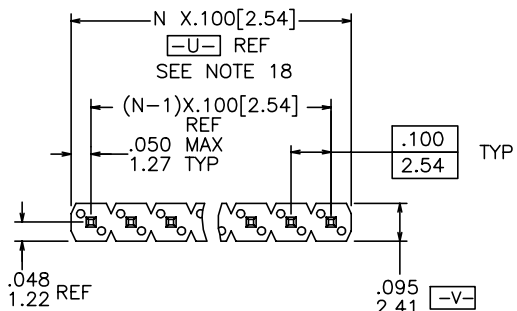
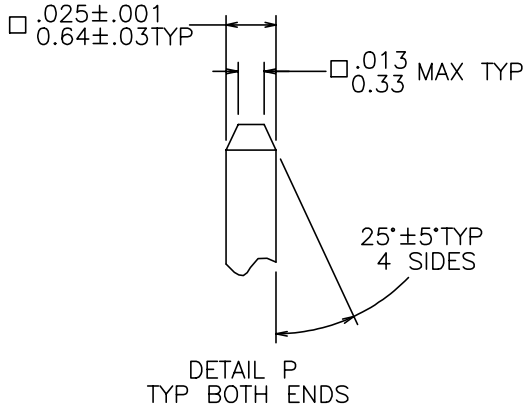
Copyright FCI.

PRODUCT NUMBER
XXXXX-YYY 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.

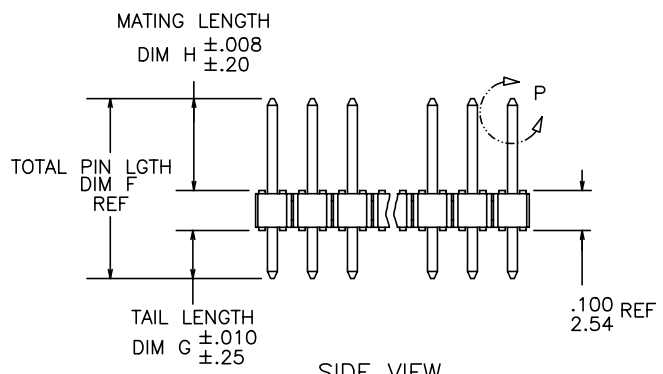
68000-X XX-XXX XXX LF
TAIL LENGTH (EXAMPLE BELOW)
3.0mm=030 12.8mm=128 (SEE NOTE 15 & 16)
MATTING LENGTH (EXAMPLE BELOW)
5.0mm=050 25.5mm=255 (SEE NOTE 15 & 16)
TOTAL NUMBER OF POSITION
FROM 1 THRU 36 POS. (SEE NOTE 1)
PIN PLATING (SEE NOTE 13)
1=0.76µm Au
4= PURE TIN
8=0.36µm Au
BASE PART NO.

Ø .020/.51 (M) U (M) V (S)

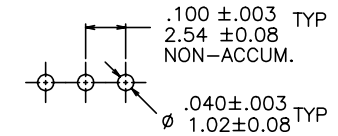
NOTE 4



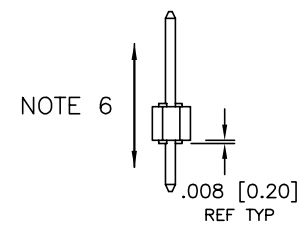
TOP VIEW



SIDE VIEW



RECOMMENDED HOLE PATTERN



END VIEW

NOTE 6

www.fciconnect.com			surface 6.4 ISO 1302	tolerance std ISO 406 ISO 1101	projection A4	INCH/MM Scale 1.000
Dr	T.BREWBAKER	01/05/95	ANGULAR	LINEAR	size	ECN
Eng	T.HANNA	01/05/95			A4	
Chr	J.MURPHY	01/05/95	0° ±2°		0.XX ±0.15	
Appr	T.HANNA	01/05/95			0.XXX ±0.05	
			Product family		Spec ref	
			BERGSTIK® II HEADER		68000	
			.100/2.54cc SR STRAIGHT		Rev. DB	
			catalog no		CUSTOMER	
					sheet 1 of 8	

rev	ecn no	dr	date
CY	ELX-N-011895	JZ	2012-06-12
DA	ELX-N-16105	ZK	2013-10-22
DB	ELX-N-17329	ZK	2014-03-27
CV	M09-0090	MHT	6/19/09
CW	M09-0105	MHT	7/10/09
CX	N11-0118	JZ	2011-04-11

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 (SEE NOTE 13) 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 (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXX-8YY	15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXX-9YY	15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXX-0YY	30u"/0.76u MIN (SEE NOTE 13) 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 BERGSTRIIP™ 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)

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

EIGHT DIGIT PART NUMBERS FOLLOWED BY A "A" ARE PACKAGED IN TAPE AND REEL WITH PICKUP CAP APPLIED.

LEAD FREE :

ADD "HLF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE

②. BODY MATERIAL :

BERGSTIK: MANUFACTURER'S OPTION OF NYLON, PCT GLASS FIBER REINFORCED, OR LCP MINERAL FILLED 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 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 BERGSTRIIP™ 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:
 PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL, OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.

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

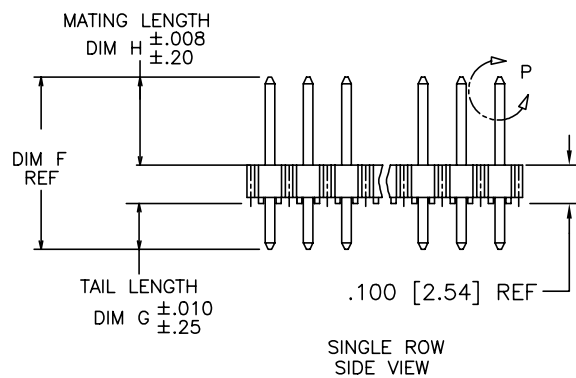
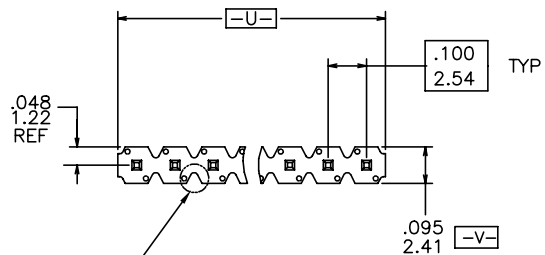
⑯. INCREMENTS BY 0.1mm IN LENGTHS ONLY

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

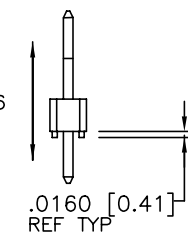
⑰. TO DETERMINE DIMENSIONS:
 N=NUMBER OF POSITION PER ROW
 EXAMPLE: 10 POS. N X .100/2.54

www.fciconnect.com			surface ISO 1302 ✓		tolerance std ISO 406 ISO 1101		projection INCH/MM	
			TOLERANCES UNLESS OTHERWISE SPECIFIED				size A4 Scale 1.000	
Dr	T.BREWBAKER	01/05/95	ANGULAR	LINEAR	0.X	±0.3	ECN	Spec ref
Eng	T.HANNA	01/05/95			0.XX	±0.15		
Chr	J.MURPHY	01/05/95	0"	±2"	0.XXX	±0.05		
Appr	T.HANNA	01/05/95	Product family BERGSTIK					
FCI			title BERGSTIK® II HEADER .100/2.54cc SR STRAIGHT			dwg no 68000		Rev. DB
			catalog no			CUSTOMER		sheet 2 of 8

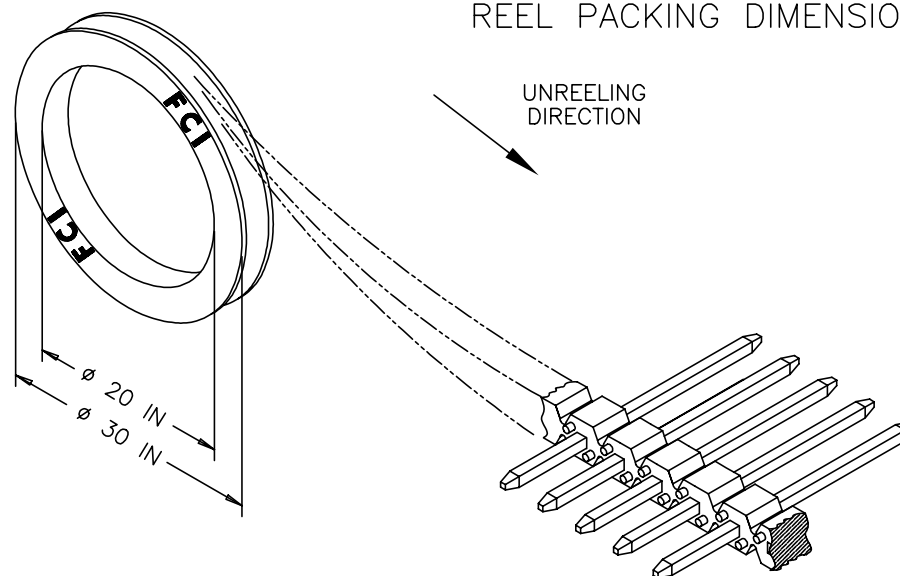
BERGSTRIPTM HEADER



NOTE 6



REEL PACKING DIMENSIONS



www.fciconnect.com			surface ISO 1302 ✓		tolerance std ISO 406 ISO 1101		projection 		INCH/MM ←————→	
			TOLERANCES UNLESS		OTHERWISE SPECIFIED					
Dr	T.BREWBAKER	01/05/95	ANGULAR	LINEAR	0.X	±0.3	size	A4	Scale 1.000	
Eng	T.HANNA	01/05/95			0.XX	±0.15				
Chr	J.MURPHY	01/05/95			0.XXX	±0.05	ECN			
Appr	T.HANNA	01/05/95	Product family		BERGSTIK		Spec ref			
	title BERGSTIK® II HEADER .100/2.54cc SR STRAIGHT					dwg no 68000		Rev DB		
	catalog no					CUSTOMER		sheet 3 of 8		



BERGSTIK® II HEADER
.100/2.54cc SR STRAIGHT

dwg no

68000

Rev.
DB

NOTE 1,12



1

2

3

4

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		
~~68629-XXY~~	~~0.621~~	~~15.77~~	~~0.203~~	~~5.16~~	~~0.318~~	~~8.08~~	~~POLY BAGS~~	~~---~~	~~NO~~	OB OB OB OB NOTE 1,12 OB

REV F - 2006-04-17

1

2

3

PDS: Rev :DB

STATUS:Released

Printed: Apr 01, 2014

A

B

C

D



Copyright FCI.

D

www.fciconnect.com			surface ISO 1302	tolerance std ISO 406 ISO 1101	projection ISO 1006	INCH/MM	
			ANGULAR	LINEAR	size	Scale	
Dr	T.BREWBAKER	01/05/95			A4	1.000	
Eng	T.HANNA	01/05/95					
Chr	J.MURPHY	01/05/95	0° ±2°		ECN		
Appr	T.HANNA	01/05/95	Product family		BERGSTIK	Spec ref	
FCI			title			dwg no	Rev.
			BERGSTIK® II HEADER			68000	DB
			catalog no			CUSTOMER	sheet 5 of 8

1

2

3

4

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



Copyright FCI.

D

www.fciconnect.com			surface ISO 1302		✓	tolerance std ISO 406 ISO 1101		projection 		INCH/MM ←————→			
			TOLERANCES UNLESS		OTHERWISE SPECIFIED								
Dr	T.BREWBAKER	01/05/95	ANGULAR	LINEAR	0.X		±0.3	size A4	Scale 1.000				
Eng	T.HANNA	01/05/95			0.XX		±0.15						
Chr	J.MURPHY	01/05/95			0°. ±2°		0.XXX ±0.05		ECN				
Appr	T.HANNA	01/05/95	Product family BERGSTIK					Spec ref					
			title BERGSTIK® II HEADER .100/2.54cc SR STRAIGHT					dwg no 68000			Rev DB		
			catalogo no					CUSTOMER			sheet 6 of 8		

REV F - 2006-04-17

1

2

3

PDS: Rev :DB

STATUS:Released

Printed: Apr 01, 2014

1

2

3

4

A

B

C

D

A

B

C

D

PRODUCT NUMBER	TOTAL 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				
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-XXX	0.440	11.18	0.120	3.05	0.220	5.59	POLY BAGS	---	YES	OB
86579-XXX	0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS	NOTE 9	NO	OB
86634-XXX		NOT	AVAILABLE					---	---	NOTE 1,12
86635-XXX		NOT	AVAILABLE					---	---	
86636-XXX		NOT	AVAILABLE					---	---	
86637-XXX		NOT	AVAILABLE					---	---	
86638-XXX		NOT	AVAILABLE					---	---	
86793-XXX	0.900	22.86	0.100	2.54	0.700	17.78	POLY BAGS	NOTE 10	NO	OB
86899-XXX	1.020	25.91	0.120	3.05	0.800	20.32	POLY BAGS	---	NO	OB
87185-XXX	1.238	31.45	0.095	2.41	1.043	26.49	POLY BAGS	NOTE 10	NO	
87204-XXX	0.895	22.73	0.120	3.05	0.675	17.15	POLY BAGS	---	NO	OB
87241-XXX	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-XXX	0.380	9.65	0.120	3.05	0.160	4.06	POLY BAGS	---	NO	
87916-XXX	1.058	26.87	0.128	3.25	0.830	21.08	POLY BAGS	---	NO	NOTE 1,12
88005-XXX	0.536	13.61	0.095	2.41	0.341	8.66	POLY BAGS	NOTE 10	NO	OB
88706-XXX	0.900	22.86	0.100	2.54	0.700	17.78	POLY BAGS	---	NO	OB
89232-XXX	0.325	8.26	0.000	0.00	0.230	5.84	POLY BAGS	NOTE 7	NO	OB

REV F - 2006-04-17

1

2

3

4

PDS: Rev :DB

STATUS:Released

Printed: Apr 01, 2014



Copyright FCI.

www.fciconnect.com			surface ISO 1302 ✓		tolerance std ISO 406 ISO 1101		projection 		INCH/MM 		
			TOLERANCES UNLESS		OTHERWISE SPECIFIED						
Dr	T.BREWBAKER	01/05/95	ANGULAR		LINEAR		0.X	±0.3	size A4	Scale 1.000	
Eng	T.HANNA	01/05/95					0.XX	±0.15			
Chr	J.MURPHY	01/05/95					0°	±2°	0.XXX	±0.05	ECN
Appr	T.HANNA	01/05/95	Product family BERGSTIK					Spec ref			
		title BERGSTIK® II HEADER					dwg no 68000			Rev. DB	
		.100/2.54cc SR STRAIGHT									
		catalog no					CUSTOMER				sheet 7 of 8

1

2

3

4

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



Copyright FCI.

D

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection A4		INCH/MM	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	T.BREWBAKER	01/05/95	ANGULAR		LINEAR		size		Scale	
Eng	T.HANNA	01/05/95					A4		1.000	
Chr	J.MURPHY	01/05/95	0° ±2°				ECN			
Appr	T.HANNA	01/05/95	Product family		BERGSTIK		Spec ref			
FCI			title BERGSTIK® II HEADER .100/2.54cc SR STRAIGHT				dwg no 68000		Rev. DB	
			catalog no				CUSTOMER		sheet 8 of 8	

REV F - 2006-04-17

1

2

3

PDS: Rev :DB

STATUS:Released

Printed: Apr 01, 2014