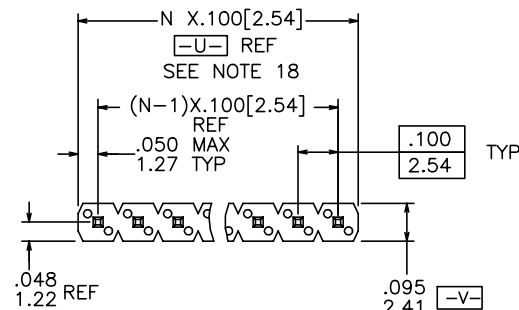
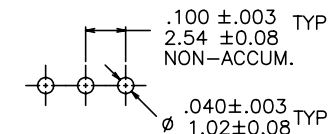


- BASE PART NO.

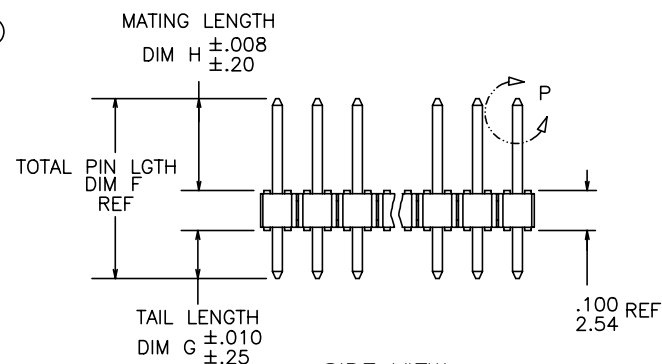


TOP VIEW

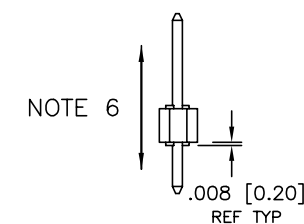


RECOMMENDED HOLE PATTERN

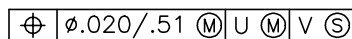
- BASE PART NO.



SIDE VIEW



END VIEW



NOTE 4

□ .025±.001
0.64±.03TYP

□.013 MAX TYP
0.33

25°±5°TYP
4 SIDES

DETAIL P
TYP BOTH ENDS

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

www.fciconnect.com			surface 6.4 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 DE	
		catalog no					CUSTOMER		sheet 1 of 8		

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

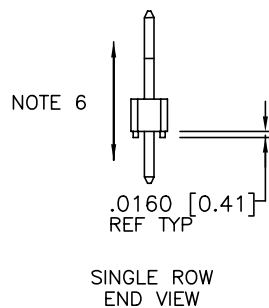
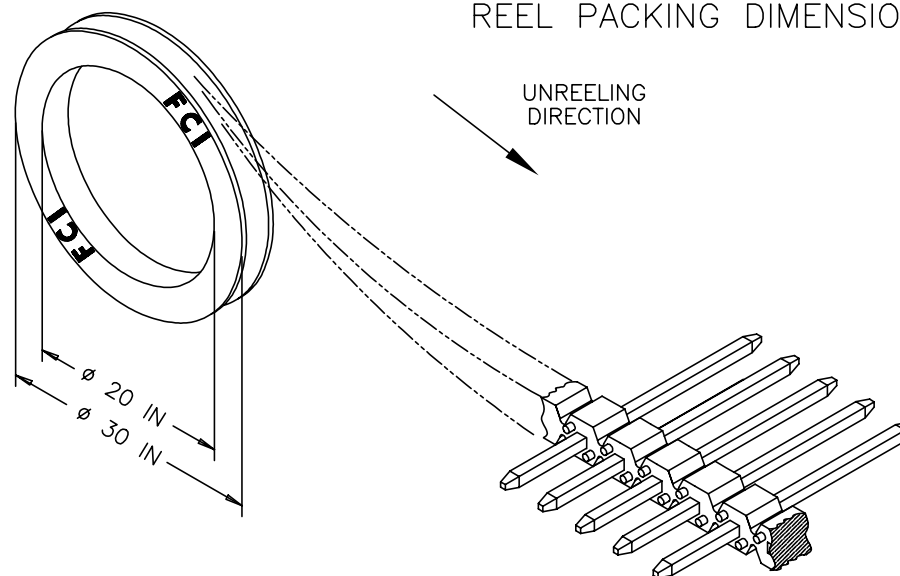
⑰. TO DETERMINE DIMENSIONS:
 N=NUMBER OF POSITION PER ROW
 EXAMPLE: 10 POS. N X .100/2.54



www.fciconnect.com			surface ISO 1302 ✓		tolerance std ISO 406 ISO 1101		projection 		INCH/MM ←————→	
			TOLERANCES UNLESS		OTHERWISE SPECIFIED					
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		dwg no 68000		Rev DB
						.100/2.54cc SR STRAIGHT				
	catalog no							CUSTOMER		
								sheet 2 of 8		



REEL PACKING DIMENSIONS



SINGLE ROW
END VIEW

REV F - 2006-04-17

www.fciconnect.com			surface ISO 1302 ✓		tolerance std ISO 406 ISO 1101		projection 		INCH/MM ←————→	
			TOLERANCES UNLESS		OTHERWISE SPECIFIED					
Dr	T.BREUBAKER	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				

1

2

3

4

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

NOTE 1,12

Copyright FCI.

www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection A4		INCH/MM Scale 1.000	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	T.BREWBAKER	01/05/95	ANGULAR	LINEAR	0.X	±0.3	size	A4	ECN	Spec ref
Eng	T.HANNA	01/05/95			0.XX	±0.15				
Chr	J.MURPHY	01/05/95			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 4 of 8	

REV F - 2006-04-17

1

2

3

PDS: Rev :DB

STATUS:Released

Printed: Apr 01, 2014

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-XY	0.621	15.77	0.203	5.16	0.318	8.08	POLY BAGS	—	NO	OB <

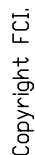
REV F - 2006-04-17

www.fciconnect.com			surface ISO 1302	tolerance std ISO 406 ISO 1101	projection A4	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		Spec ref	
			BERGSTIK® II HEADER		68000	
			.100/2.54cc SR STRAIGHT		Rev. DB	
			CUSTOMER		sheet 5 of 8	

PDS: Rev :DB

STATUS:Released

Printed: Apr 01, 2014

DD

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



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.XXX	±0.05	ECN				
Appr	T.HANNA	01/05/95	Product family BERGSTIK				Spec ref				
	title					BERGSTIK® II HEADER			dwg no		Rev
						.100/2.54cc SR STRAIGHT			68000		DB
	catalog no								CUSTOMER		sheet 7 of 8

REV F - 2006-04-17

1

2

3

PDS: Rev :DB

STATUS:Released

Printed: Apr 01, 2014

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		
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	OB
92020-XY	0.372	9.45	0.094	2.39	0.178	4.52	POLY BAGS	—	NO	
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	
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				size		Scale	
Dr	T.BREWBAKER	01/05/95	ANGULAR		LINEAR		0.X ±0.3		A4 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	
FCI			title				BERGSTIK® II HEADER		dwg no	
							.100/2.54cc SR STRAIGHT		68000	
			catalog no				CUSTOMER		Rev. DB	
									sheet 8 of 8	

REV F - 2006-04-17

1

2

3

PDS: Rev :DB

STATUS:Released

Printed: Apr 01, 2014