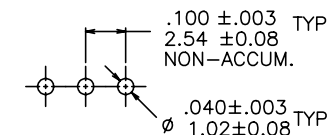
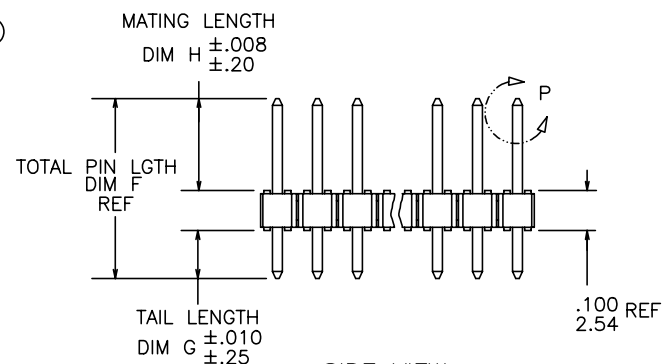


- BASE PART NO.

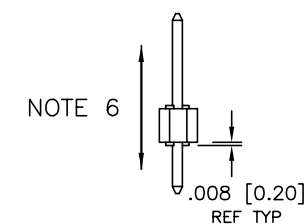


RECOMMENDED HOLE PATTERN

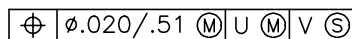
- BASE PART NO.



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				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

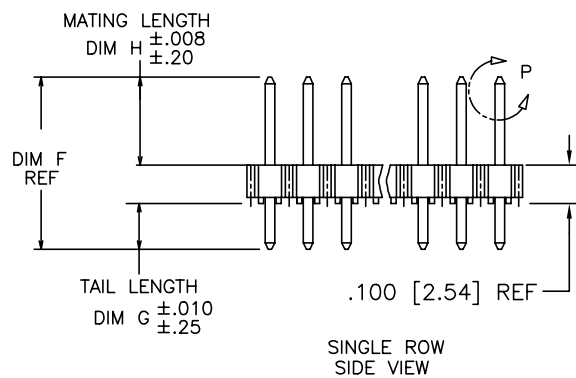
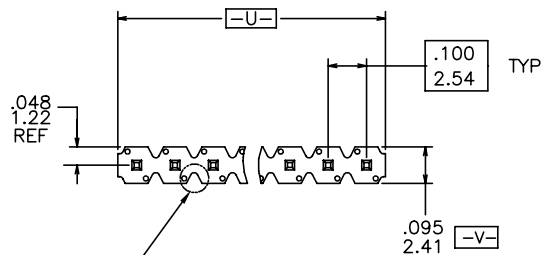
BERGSTRIIP™: PRODUCED WITH HIGH TEMPERATURE LCP THERMOPLASTIC, FLAME RETARDENT PER UL-94V-0.
 COLOR : BLACK

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.

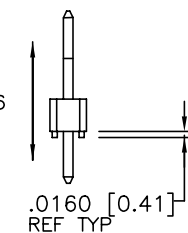
- ③. PIN MATERIAL : PHOS-BRONZE.
- ④. MEASURED WITH PART IN RESTRAINED CONDITION.
5. TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS.
- ⑥. 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.
- ⑦. PIN CANNOT PROTRUDE PAST EDGE OF HOUSING. MUST BE .005±.005/.13±.13 FROM END OF HOUSING HOLE.
8. MILITARY 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 A4	INCH/MM ←→
			TOLERANCES UNLESS OTHERWISE SPECIFIED		size	Scale
Dr	T.BREWBAKER	01/05/95	ANGULAR	LINEAR	0.X	±0.3
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			ECN
			title BERGSTIK® II HEADER .100/2.54cc SR STRAIGHT			dwg no 68000
			catalog no			Rev. DB
			CUSTOMER			sheet 2 of 8

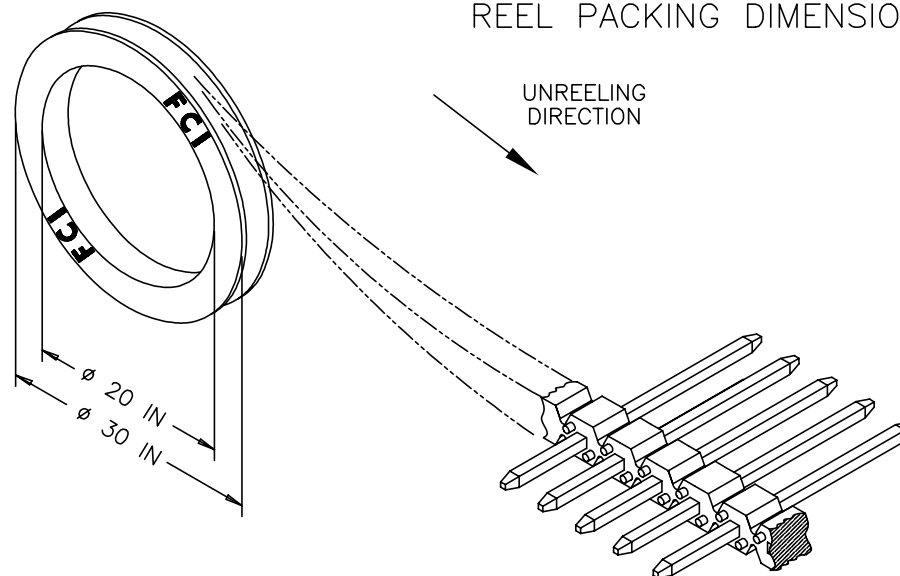
BERGSTRIPTM HEADER



NOTE 6



REEL PACKING DIMENSIONS



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			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
	catalog no							CUSTOMER		sheet 3 of 8	



BERGSTIK® II HEADER
.100/2.54cc SR STRAIGHT

dwg no

68000

Rev.
DB

NOTE 1,12

Rev
DE

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

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REV F - 2006-04-17

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PDS: Rev :DB

STATUS:Released

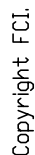
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www.fciconnect.com			surface ISO 1302	tolerance std ISO 406 ISO 1101	projection ISO 1006	INCH/MM	
			ANGULAR	LINEAR	size	Scale	
Dr	T.BREWBAKER	01/05/95			A4	1.000	
Eng	T.HANNA	01/05/95					
Chr	J.MURPHY	01/05/95	0° ±2°		ECN		
Appr	T.HANNA	01/05/95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

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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



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			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					dwg no			Rev	
	BERGSTIK® II HEADER .100/2.54cc SR STRAIGHT					68000			DB	
	catalog no					CUSTOMER			sheet 7 of 8	

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Printed: Apr 01, 2014

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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	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



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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	

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