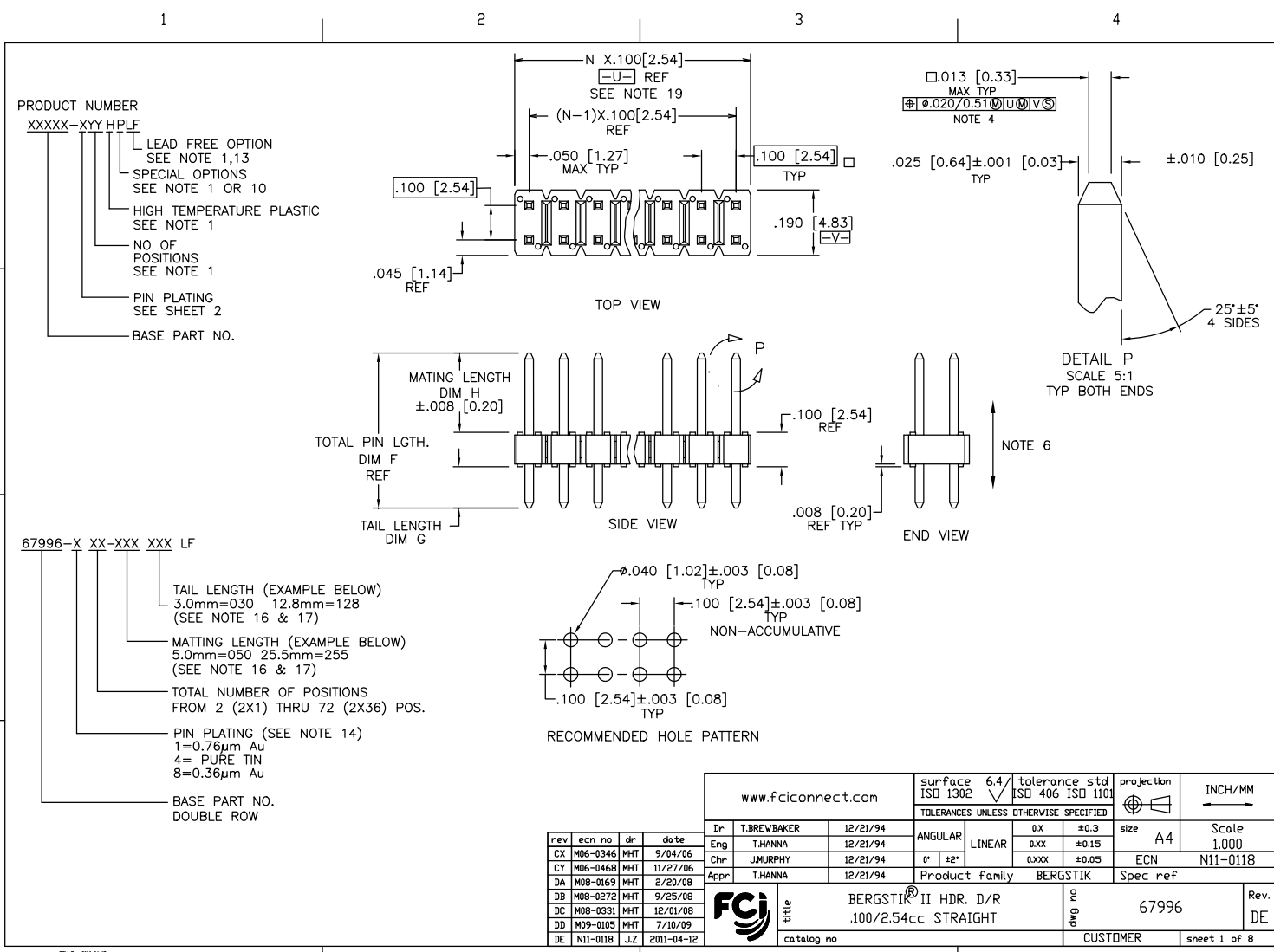




Copyright FCI.



REV 7 - 2004-04-07

rev	ecn no	dr	date
CX	M06-0346	MHT	9/04/06
CY	M06-0468	MHT	11/27/06
DA	M08-0169	MHT	2/20/08
DB	M08-0272	MHT	9/25/08
DC	M08-0331	MHT	12/01/08
DD	M09-0105	MHT	7/10/09
DE	N11-0118	J.Z	2011-04-12

www.fciconnect.com		surface 6.4 ISO 1302	tolerance std ISO 406 ISO 1101	projection ISO 1101	INCH/MM
Dr. T.BREVBAKER		ANGULAR	0.X	±0.3	size A4
Eng. T.HANNA		LINEAR	0.XX	±0.15	Scale 1.000
Chr. J.MURPHY		0° ±2°	0.XXX	±0.05	ECN N11-0118
Appr. T.HANNA		Product family	BERGSTIK	Spec ref	
FCI		BERGSTIK® II HDR, D/R .100/2.54cc STRAIGHT		2 67996	Rev. DE
catalog no		CUSTOMER		sheet 1 of 8	



Copyright FCI.

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

NOTES

①. PART NUMBER OPTIONS:  
PIN PLATING CODES (SEE ABOVE)

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

NUMBER OF POSITIONS :  
EVEN NUMBER OF POSITIONS FROM 2 (2X1) THROUGH 72 (2X36).  
-X00H INDICATES BERGSTRIIP PRODUCT. SEE PAGE 3  
FOR SPECIAL GEOMETRY OF THIS CONTINUOUS STRIP PRODUCT.  
AUTOMATED REELS WILL CONTAIN 45,000 PINS.  
SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.

PACKAGING:  
PACKAGED IN POLY BAGS.  
EIGHT DIGIT PART NUMBERS FOLLOWED BY A "I" ARE PACKAGED IN TUBES. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.  
EIGHT DIGIT PART NUMBERS FOLLOWED BY A "G" ARE PACKAGED IN GPAX FOR IBM ONLY. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.  
PART NUMBERS FOLLOWED BY A "C" ARE PACKAGED IN TUBES WITH A PICKUP CAP APPLIED.

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:  
BODY MATERIAL : MANUFACTURER'S OPTION OF NYLON, PCT GLASS FIBER REINFORCED OR MINERAL FILLED LCP 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 "H" AND WITHOUT SUFFIX WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

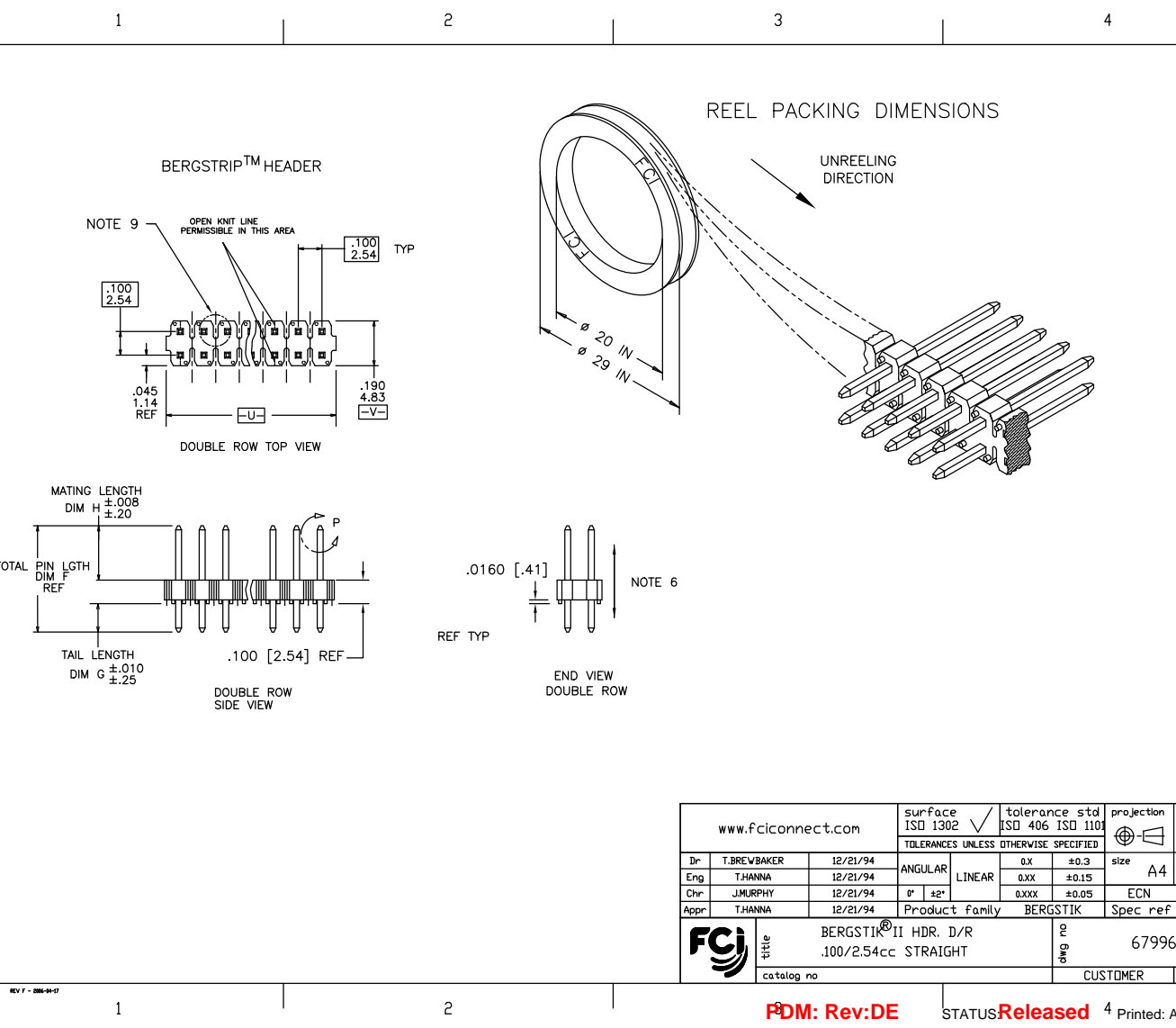
- ③. PIN MATERIAL: PHOS BRONZE.
- ④. MEASURED WITH PART IN RESTRAINED CONDITION.
- 5. TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS.
- ⑥. 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.
- 7. MILITARY BERGSTIK HEADER  
P/N XXXXX-YYY-MIL  
NOT AVAILABLE.
- ⑧. ±.010/0.25 TOL APPLIES TO ALL "G" TAILS EXCEPT INDICATED PARTS ON TABLE WHERE +.010/0.25 -.000/0.00 APPLIES.
- ⑨. NOTCH CONFIGURATION WILL VARY PER VENDOR'S DISCRETION.
- ⑩. BERGSTRIIP™ PART NUMBERS FOLLOWED BY BY A "B" ARE BULK PRICED.
- ⑪. TAIL LENGTH (DIM. G) TO BE ±.008/.020.
- 12. POSITIONS PER ROW 37 TO 50 CAN BE PRODUCED, BUT FLATNESS AND CURVATURE MAY NOT BE HELD AS CLOSE AS 36 POSITIONS.
- ⑬. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- ⑭. PLATING OPTIONS:  
PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL, OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.
- ⑮. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."
- ⑯. THE OAL DON'T EXCEED 34.5mm
- ⑰. INCREMENTS BY 0.1mm IN LENGTHS ONLY
- 18. 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 ISO 1044	INCH/MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	T.BREWBAKER	12/21/94	ANGULAR	0.X	±0.3
Eng	T.HANNA	12/21/94	LINEAR	0.XX	±0.15
Chr	J.MURPHY	12/21/94	0" ±2"	0.XXX	±0.05
Appr	T.HANNA	12/21/94	Product family	BERGSTIK	Spec ref
FCI		BERGSTIK® II HDR. D/R .100/2.54cc STRAIGHT		2 67996	Rev. DE
catalog no		CUSTOMER		sheet 2 of 8	

REV 1 - 2004-04-27



Copyright FCI.



REV 7 - 286-94-27

www.fciconnect.com		surface ISO 1302 ✓	tolerance std ISO 406 ISO 1101	projection ISO 10	INCH/MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	T.BREWBAKER	12/21/94	ANGULAR	0.X	$\pm 0.3$
Eng	T.HANNA	12/21/94	LINEAR	0.XX	$\pm 0.15$
Chr	J.MURPHY	12/21/94	0° $\pm 2^\circ$	0.XXX	$\pm 0.05$
Appr	T.HANNA	12/21/94	Product family	BERGSTIK	Spec ref
FCI		BERGSTIK® II HDR. D/R .100/2.54cc STRAIGHT		67996	Rev. DE
catalog no		CUSTOMER		sheet 3 of 8	



Copyright FCI.

1		2						3		4	
PRODUCT NUMBER	TOT. 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					
55005-XXYH	0.597	15.16	0.095	2.41	0.402	10.21	POLY BAGS	-	YES	NOTE 1,13	
55030-XXYH	0.630	16.00	0.150	3.81	0.380	9.65	POLY BAGS	-	YES		
67996-XXY	0.425	10.80	0.095	2.41	0.230	5.84	POLY BAGS/TUBES	-	YES	NOTE 1,13	
67997-XXY	0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS/TUBES	-	YES		
67997-XXYH	0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS/TUBES	-	YES		
67998-XXY	0.525	13.34	0.107	2.72	0.318	8.08	POLY BAGS/TUBES	-	YES		
67999-XXY	0.548	13.92	0.130	3.30	0.318	8.08	POLY BAGS	-	NO		
68438-XXY	0.555	14.10	0.225	5.72	0.230	5.84	POLY BAGS/TUBES	-	NO		
68439-XXY	0.720	18.29	0.120	3.05	0.500	12.70	POLY BAGS	-	NO		
68464-XXY	0.650	16.51	0.120	3.05	0.430	10.92	POLY BAGS/TUBES	-	NO		
68481-XXY	0.480	12.19	0.095	2.41	0.285	7.24	POLY BAGS/TUBES	-	NO		
68482-XXY	0.938	23.83	0.318	8.08	0.520	13.21	POLY BAGS	-	NO		
68491-XXY	0.475	12.07	0.120	3.05	0.255	6.48	POLY BAGS/TUBES	-	NO		
68600-XXY	0.825	20.96	0.115	2.92	0.610	15.49	POLY BAGS	-	NO		
68601-XXY	0.620	15.75	0.120	3.05	0.400	10.16	POLY BAGS	-	NO		
68602-XXY	0.480	12.19	0.150	3.81	0.230	5.84	POLY BAGS	-	NO		
68690-XXY	0.533	13.54	0.115	2.92	0.318	8.08	POLY BAGS	-	NO		
68691-XXY	0.538	13.67	0.120	3.05	0.318	8.08	POLY BAGS	-	YES		
68692-XXY	0.430	10.92	0.100	2.54	0.230	5.84	POLY BAGS	-	NO		
68693-XXY	0.938	23.83	0.520	13.21	0.318	8.08	POLY BAGS	-	NO		
68716-XXY	0.828	21.03	0.410	10.41	0.318	8.08	POLY BAGS	-	NO		
68734-XXY	0.615	15.62	0.230	5.84	0.285	7.24	POLY BAGS	-	NO		
68737-XXY	0.440	11.18	0.110	2.79	0.230	5.84	POLY BAGS	-	YES		
68738-XXY	0.615	15.62	0.115	2.92	0.400	10.16	POLY BAGS	-	NO		
68739-XXY	0.486	12.34	0.156	3.96	0.230	5.84	POLY BAGS	-	NO		
68743-XXY	0.638	16.21	0.220	5.59	0.318	8.08	POLY BAGS	-	NO		
68749-XXY	0.838	21.29	0.420	10.67	0.318	8.08	POLY BAGS	-	NO		
68779-XXY	0.736	18.69	0.318	8.08	0.318	8.08	POLY BAGS	-	NO		
68783-XXY	0.375	9.53	0.045	1.14	0.230	5.84	POLY BAGS	-	NO		
68799-XXY	0.925	23.50	0.595	15.11	0.230	5.84	POLY BAGS	-	NO	NOTE 1,13	

www.fciconnect.com

surface

ISO 1302

✓

tolerance std

ISO 406 ISO 1101

projection

INCH/MM

TOLERANCES UNLESS OTHERWISE SPECIFIED

Dr

T.BREWBAKER

12/21/94

Eng

T.HANNA

12/21/94

Chr

J.MURPHY

12/21/94

Appr

T.HANNA

12/21/94

ANGULAR

LINEAR

0X

±0.3

0XX

±0.15

0XXX

±0.05

size

A4

Scale

1:000

ECN

N11-0118

Product family

BERGSTIK

Spec ref

FCI

title

BERGSTIK® II HDR. D/R

100/2.54cc STRAIGHT

catalog no

2

67996

Rev.

DE

CUSTOMER

sheet 4 of 8

REV 1 - 288-94-17



Copyright FCI.

D

1		2						3		4	
PRODUCT NUMBER	TOT. 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					
69132-YYY	0.760	19.30	0.120	3.05	0.540	13.72	POLY BAGS/TUBES	-	NO	NOTE 1,13	
69133-YYY	0.615	15.62	0.285	7.24	0.230	5.84	POLY BAGS	-	NO		
69157-YYY	0.410	10.41	0.110	2.79	0.200	5.08	POLY BAGS	-	NO		
71217-YYH	1.000	25.40	0.450	11.43	0.450	11.43	POLY BAGS	-	NO		
71222-YYH	0.850	21.59	0.250	6.35	0.500	12.70	POLY BAGS	-	NO		
72273-YYYH	0.725	18.42	0.110	2.79	0.515	13.08	POLY BAGS	-	NO		
72448-YYH	0.658	16.71	0.172	4.37	0.386	9.80	POLY BAGS	-	NO		
72455-YYH	0.598	15.19	0.180	4.57	0.318	8.08	POLY BAGS	-	NO		
72455-632HG	0.598	15.19	0.180	4.57	0.318	8.08	GPAX	NOTE 1	NO		
73503-YYH	0.420	10.67	0.120	3.05	0.200	5.08	POLY BAGS	-	NO		
73596-YYH	0.795	20.19	0.110	2.79	0.585	14.86	POLY BAGS	-	NO		
74317-YYYH	0.532	13.51	0.309	7.85	0.123	3.12	POLY BAGS	NOTE 11	NO		
74318-YYH	0.592	15.04	0.369	9.37	0.123	3.12	POLY BAGS	NOTE 11	NO		
74999-YYH	0.508	12.90	0.090	2.29	0.318	8.08	POLY BAGS	-	NO		
78212-YYY	0.710	18.03	0.350	8.89	0.260	6.60	POLY BAGS	-	NO		
78233-YYY	0.568	14.43	0.150	3.81	0.318	8.08	POLY BAGS	-	NO		
78269-YYY	0.385	9.78	0.095	2.41	0.190	4.83	POLY BAGS	-	NO		
78286-YYY	0.500	12.70	0.160	4.06	0.240	6.10	POLY BAGS/TUBES	-	NO		
78932-YYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			-	-		
78933-YYY	0.695	17.65	0.285	7.24	0.310	7.87	POLY BAGS	-	NO		
78988-YYY	0.540	13.72	0.135	3.43	0.305	7.75	POLY BAGS	-	NO		
78989-YYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			-	-		
78990-YYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			-	-		
78991-YYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			-	-		
78992-YYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			-	-		
78993-YYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			-	-		
78994-YYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			-	-	NOTE 1,13	

www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection ISO 1101	INCH/MM
TOLERANCES UNLESS OTHERWISE SPECIFIED		ANGULAR	LINEAR	size A4	Scale 1:1000
Dr	T.BREWBAKER	12/21/94	0X	±0.3	ECN
Eng	T.HANNA	12/21/94	0XX	±0.15	N11-0118
Chr	J.MURPHY	12/21/94	0XXX	±0.05	
Appr	T.HANNA	12/21/94	Product family	BERGSTIK	Spec ref
FCI		BERGSTIK® II HDR. D/R 100/2.54cc STRAIGHT		67996	Rev. DE
catalog no		CUSTOMER		sheet 5 of 8	

REV 1 - 2004-04-27



Copyright FCI.

D

1		2						3		4	
PRODUCT NUMBER	TOT. 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					
78995-YYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			-	-	NOTE 1,13	
78996-YYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			-	-		
79242-YYY	0.930	23.62	0.340	8.64	0.490	12.45	POLY BAGS	-	NO		
79243-YYY	1.230	31.24	0.390	9.91	0.740	18.80	POLY BAGS	-	NO		
79244-YYY	UNAVAILABLE		UNAVAILABLE		UNAVAILABLE			-	-		
79268-YYY	1.020	25.91	0.120	3.05	0.800	20.32	POLY BAGS	-	NO		
79271-YYY	1.100	27.94	0.500	12.70	0.500	12.70	POLY BAGS	-	NO		
79425-YYY	0.410	10.41	0.120	3.05	0.190	4.83	POLY BAGS	-	NO		
79821-YYY	0.730	18.54	0.200	5.08	0.430	10.92	POLY BAGS	-	NO		
84610-YYYH	0.380	9.65	0.120	3.05	0.160	4.06	POLY BAGS	-	NO		
84760-YYYH	0.870	22.09	0.150	3.81	0.620	15.74	POLY BAGS	-	NO		
84784-YYYH	1.130	28.70	0.122	3.09	0.908	23.06	POLY BAGS	-	NO		
84934-YYYH	1.375	34.93	0.625	15.88	0.650	16.51	POLY BAGS	-	NO		
84976-YYYH	0.730	18.54	0.400	10.16	0.230	5.84	POLY BAGS	-	NO		
86503-YYY	0.470	11.94	0.120	3.05	0.250	6.35	POLY BAGS	-	NO		
86581-YYY	0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS	NOTE 8	NO		
86817-YYY	0.925	23.50	0.120	3.05	0.705	17.91	POLY BAGS	-	NO		
86827-YYY	0.700	17.78	0.120	3.05	0.480	12.19	POLY BAGS	-	NO		
86832-YYY	0.525	13.34	0.100	2.54	0.325	8.26	POLY BAGS	-	NO		
86834-YYY	1.335	33.91	0.585	14.86	0.650	16.51	POLY BAGS	-	NO		
86836-YYY	0.870	22.10	0.120	3.05	0.650	16.51	POLY BAGS	-	NO		
86837-YYY	0.600	15.24	0.120	3.05	0.380	9.65	POLY BAGS	-	NO		
87037-YYY	1.240	31.50	0.120	3.05	1.020	25.91	POLY BAGS	-	NO	NOTE 1,13	
87052-YYY	0.990	25.15	0.120	3.05	0.770	19.56	POLY BAGS	-	NO		
87203-YYY	0.545	13.84	0.150	3.81	0.295	7.49	POLY BAGS	-	NO		
87344-YYY	1.375	34.93	0.219	5.56	1.056	26.82	POLY BAGS	-	NO		

www.fciconnect.com

surface  
ISO 1302

tolerance std  
ISO 406 ISO 1101

projection  
ISO 1101

INCH/MM

Dr. T.BREWBAKER 12/21/94

Eng. T.HANNA 12/21/94

Chr. J.MURPHY 12/21/94

Appr. T.HANNA 12/21/94

TOLERANCES UNLESS OTHERWISE SPECIFIED

ANGULAR LINEAR

0° ±2° 0.0X ±0.3 0.0XX ±0.15 0.0XXX ±0.05

Product family BERGSTIK

Spec ref

FCI

title BERGSTIK® II HDR. D/R .100/2.54cc STRAIGHT

catalog no

2

67996

Rev. DE

CUSTOMER

sheet 6 of 8

REV 7 - 200-04-27



	1		2				3		4	
	PRODUCT NUMBER		TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		BERGSTRIPT™ AVAILABLE	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	PACKAGING	NOTES		
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC				
A	94010-YYYH	0.756	19.20	0.350	8.89	0.306	7.77	POLY BAGS	—	NO
	94532-YYYH	1.250	31.75	0.450	11.43	0.700	17.78	POLY BAGS	—	NO
	95105-YYY	0.370	9.40	0.126	3.20	0.144	3.66	POLY BAGS	—	NO
	95645-YYYH	0.350	8.89	0.100	2.54	0.150	3.81	POLY BAGS	—	NO
	95652-YYYH	0.500	12.70	0.070	1.78	0.330	8.38	POLY BAGS	—	NO
	95665-YYYH	0.835	21.21	0.335	8.51	0.400	10.16	POLY BAGS	—	NO
	95687-YYYH	0.820	20.83	0.360	9.14	0.360	9.14	POLY BAGS	—	NO
	95712-YYYH	1.090	27.69	0.110	2.79	0.880	22.35	POLY BAGS	—	NO
B	95727-YYYH	0.825	20.96	0.110	2.79	0.615	15.62	POLY BAGS	—	NO
	98181-YYYH	0.760	19.30	0.218	5.54	0.442	11.23	POLY BAGS	—	NO
	98217-YYYH	0.756	19.20	0.328	8.33	0.328	8.33	POLY BAGS	—	NO
	98329-YYYH	0.930	23.62	0.415	10.54	0.415	10.54	POLY BAGS	—	NO
	98854-YYYH	0.450	11.43	0.120	3.05	0.230	5.84	TUBES	—	NO
	10017852-YYYH	0.450	11.43	0.125	3.18	0.225	5.72	POLYBAGS	—	NO
	10074747-YYYH	0.850	21.59	0.520	13.21	0.230	5.84	POLYBAGS	—	NO
										NOTE 1,13



Copyright FCI.

www.fciconnect.com		surface ISO 1302 ✓		tolerance std ISO 406 ISO 1101		projection ISO 10		INCH/MM	
		TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	T.BREWBAKER	12/21/94	ANGULAR	LINEAR	0.X	±0.3	size	A4	Scale
Eng	T.HANNA	12/21/94			0.XX	±0.15			1,000
Chr	J.MURPHY	12/21/94	0°	±2°	0.XXX	±0.05	ECN	N11-0118	
Appr	T.HANNA	12/21/94	Product family		BERGSTIK		Spec ref		
FCI		title				BERGSTIK® II HDR. D/R		2	
						.100/2.54cc STRAIGHT		67996	
		catalog no				CUSTOMER		sheet 8 of 8	
						Rev.		DE	

REV 7 - 200-94-07

PDM: Rev:DE

STATUS Released 4 Printed: Apr 19, 2011