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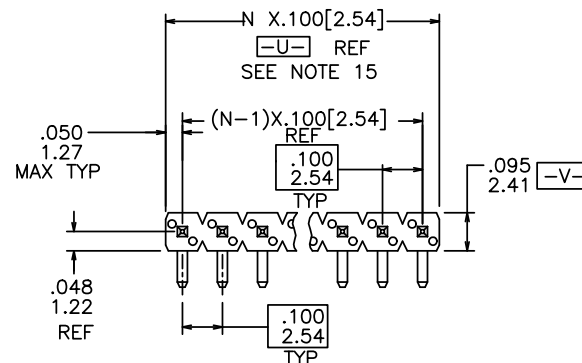
4

PRODUCT NUMBER

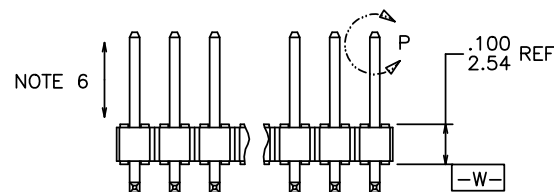
XXXXX-YYY HTLF

LEAD FREE OPTION
SEE NOTE 1,8TUBE PACKAGING OPTION
SEE NOTE 1HIGH TEMPERATURE PLASTIC
SEE NOTE 1NO OF
POSITIONS
SEE NOTE 1PIN PLATING
SEE SHEET 2

BASE PART NO.



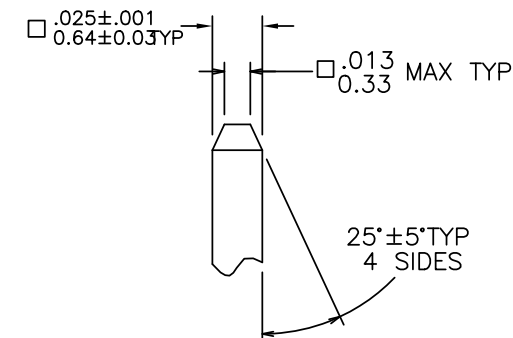
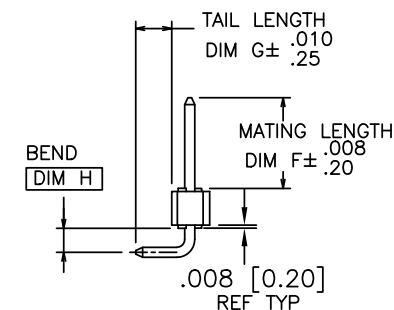
TOP VIEW



SIDE VIEW

 $\phi .020 / 0.51 \text{ (M)} \text{ U (M) V (S) W}$

NOTE 4

DETAIL P
TYP BOTH ENDS

END VIEW

68015-X XX-XXX XXX LF

TAIL LENGTH (EXAMPLE BELOW)
3.0mm=030 12.8mm=128 (SEE NOTE 11 & 12)MATING LENGTH (EXAMPLE BELOW)
5.0mm=050 25.5mm=255 (SEE NOTE 11 & 12)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 AuBASE PART NO.
SINGLE ROW RIGHT ANGLE

rev	ecn no	dr	date
CR	M06-0346	MHT	9/04/06
CS	M08-0154	MHT	5/27/08
CT	M08-0169	MHT	6/16/08
CU	M08-0267	MHT	9/25/08
CV	M08-0331	MHT	12/01/08
AY	M09-0105	MHT	7/10/09
BA	N11-0118	J.Z	2011-04-11

www.fciconnect.com			surface 6.4 ISO 1302	tolerance std ISO 406 ISO 1101	projection ISO 10110	INCH/MM
Dr	T.BREWBAKER	01/31/95	ANGULAR LINEAR	TOLERANCES UNLESS OTHERWISE SPECIFIED	size A4	Scale 1.000
Eng	T.HANNA	01/31/95				
Chr	T.HANNA	01/31/95				
Appr	T.HANNA	01/31/95	0° ±2°	0.X ±0.3 0.XX ±0.15 0.XXX ±0.05	ECN	N11-0118
Product family			BERGSTIK		Spec ref	
title			BERGSTIK II HEADER .100/2.54cc SR R/A		dwg no	68015
catalog no			CUSTOMER		Rev.	BA
					sheet 1 of 4	

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PIN PLATING CODES:

XXXX-1YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-2YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-3YY	50u"/1.27u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 10)
XXXX-4YYHLF	
XXXX-5YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-6YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-7YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-8YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-9YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-0YY	30u"/0.76u MIN (SEE NOTE 9) 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 POSITION:

ANY NUMBER OF POSITIONS FROM 1 THRU 36.

PACKAGING:

PACKAGED IN POLY BAGS.

EIGHT DIGIT PART NUMBERS FOLLOWED BY A "T" ARE PACKAGED IN TUBES. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.

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:

MANUFACTURER'S OPTION OF NYLON OR PCT, GLASS FIBER REINFORCED, OR LCP MINERAL FIELED 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. MILITARY BERGSTIK HEADER
P/N XXXXX-YYY-MIL
NOT AVAILABLE.

- ⑧. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

- ⑨. PLATING OPTIONS:

PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL, OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.

- ⑩. "THIS PRODUCT HAS 100%% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

- ⑪. THE OAL DON'T EXCEED 31mm

OAL= MATTING DIM+4.0mm<31mm WHERE THE SUM OF TAIL AND MATTING LENGTH DON'T EXCEED 27mm

- ⑫. INCREMENTS BY 0.1mm IN LENGTHS ONLY

- ⑬. FOR SPECIAL PACKAGING REQUEST PLEASE CONTACT PRODUCT MANAGER FOR AVAILABILITY

14. BEND DIMENSIONS AT 1.5mm ONLY

- ⑮. TO DETERMINE DIMENSIONS:

N=NUMBER OF POSITION PER ROW

EXAMPLE: 10 POS. N X .100/2.54



RECOMMENDED HOLE PATTERN

www.fciconnect.com			surface ISO 1302	tolerance std ISO 406 ISO 1101	projection A4	INCH/MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	T.BREWBAKER	01/31/95	ANGULAR 0° ±2°	0.X	±0.3	size
Eng	T.HANNA	01/31/95		0.XX	±0.15	A4
Chr	T.HANNA	01/31/95		0.XXX	±0.05	ECN
Appr	T.HANNA	01/31/95	Product family		BERGSTIK	Spec ref
FCI			title			Rev.
			BERGSTIK® II HEADER			BA
			.100/2.54cc SR R/A			
			catalog no			
			dwg no			
			68015			
			CUSTOMER			
			sheet 2 of 4			

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PRODUCT NUMBER	MATING LENGTH		TAIL LENGTH		BEND DIM		PACKAGING	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H		
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC		
68015-YYY	0.230	5.84	0.090	2.29	0.060	1.52	POLY BAGS/TUBES	NOTE 1,8
68016-YYY	0.230	5.84	0.120	3.05	0.060	1.52	POLY BAGS/TUBES	
68023-YYY	0.135	3.43	0.305	7.75	0.135	3.43	POLY BAGS	
68417-YYY	0.230	5.84	0.390	9.91	0.060	1.52	POLY BAGS	
68423-YYY	0.318	8.08	0.120	3.05	0.060	1.52	POLY BAGS/TUBES	
68458-YYY	0.318	8.08	0.110	2.79	0.060	1.52	POLY BAGS	
68461-YYY	0.400	10.16	0.320	8.13	0.260	6.60	POLY BAGS	
68468-YYY	0.230	5.84	0.195	4.95	0.160	4.06	POLY BAGS	
68488-YYY	0.230	5.84	0.180	4.57	0.060	1.52	POLY BAGS	
68494-YYY	0.400	10.16	0.110	2.79	0.060	1.52	POLY BAGS	
68498-YYY	0.230	5.84	0.220	5.59	0.160	4.06	POLY BAGS	
68626-YYY	0.230	5.84	0.295	7.49	0.060	1.52	POLY BAGS	
68627-YYY	0.120	3.05	0.185	4.70	0.150	3.81	POLY BAGS	
68628-YYY	0.230	5.84	0.590	14.99	0.060	1.52	POLY BAGS	
68641-YYY	0.230	5.84	0.490	12.45	0.060	1.52	POLY BAGS	
68660-YYY	0.110	2.79	0.230	5.84	0.135	3.43	POLY BAGS	
68694-YYY	0.600	15.24	0.120	3.05	0.060	1.52	POLY BAGS	
68757-YYY	0.350	8.89	0.220	5.59	0.100	2.54	POLY BAGS	
68758-YYY	0.275	6.99	0.120	3.05	0.060	1.52	POLY BAGS	
68764-YYY	0.100	2.54	0.120	3.05	0.060	1.52	POLY BAGS	
68782-YYY	0.318	8.08	0.180	4.57	0.060	1.52	POLY BAGS	
68798-YYY	0.110	2.79	0.230	5.84	0.160	4.06	POLY BAGS	
69189-YYY	0.310	7.87	0.250	6.35	0.060	1.52	POLY BAGS	
71270-YYY	0.600	15.24	0.189	4.80	0.060	1.52	POLY BAGS	
72342-YYY	0.120	3.05	0.250	6.35	0.060	1.52	POLY BAGS	
78230-YYY	0.310	7.87	0.330	8.38	0.060	1.52	POLY BAGS	
78231-YYY	0.310	7.87	0.290	7.37	0.060	1.52	POLY BAGS	NOTE 1,8

www.fciconnect.com			surface ISO 1302 ✓		tolerance std ISO 406 ISO 1101		projection A4		INCH/MM ←→		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	T.BREWBAKER	01/31/95	ANGULAR	LINEAR	0.X	±0.3	size	A4	Scale	1.000	
Eng	T.HANNA	01/31/95			0.XX	±0.15					
Chr	T.HANNA	01/31/95			0.XXX	±0.05	ECN	N11-0118			
Appr	T.HANNA	01/31/95	Product family				BERGSTIK		Spec ref		
FCI			title				BERGSTIK® II HEADER		dwg no		Rev.
							.100/2.54cc SR R/A		68015		BA
			catalog no				CUSTOMER		sheet 3 of 4		

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PRODUCT NUMBER	MATING LENGTH		TAIL LENGTH		BEND DIM		PACKAGING	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H		
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC		
78234-XY	0.230	5.84	0.140	3.56	0.160	4.06	POLY BAGS	NOTE 1,8
78541-XY	0.318	8.08	0.080	2.03	0.060	1.52	POLY BAGS	
78587-XY			UNAVAILABLE					
78938-XY	0.120	3.05	0.120	3.05	0.060	1.52	POLY BAGS	
78955-XY	0.075	1.91	0.090	2.29	0.060	1.52	POLY BAGS	
78978-XY	0.120	3.05	0.318	8.08	0.135	3.43	POLY BAGS	
79409-XY			UNAVAILABLE					
84846-XYH	0.140	3.56	0.290	7.37	0.153	3.89	POLY BAGS	
84917-XYH	0.090	2.29	0.195	4.95	0.190	4.83	POLY BAGS	
84935-XYH	0.450	11.43	0.320	8.13	0.260	6.60	POLY BAGS	
84936-XYH	0.350	8.89	0.120	3.05	0.060	1.52	POLY BAGS	NOTE 1,8
87532-XYH	0.230	5.84	0.890	22.61	0.060	1.52	POLY BAGS	
88813-XY	0.230	5.84	0.085	2.16	0.060	1.52	POLY BAGS	
92050-XY	0.162	4.11	0.120	3.05	0.060	1.52	POLY BAGS	
92632-XY	0.100	2.54	0.318	8.08	0.060	1.52	POLY BAGS	
92909-XY	0.400	10.16	0.220	5.59	0.060	1.52	POLY BAGS	
94099-XY	0.157	3.99	0.090	2.29	0.060	1.52	POLY BAGS	
94529-XYH	0.120	3.05	0.295	7.49	0.135	3.43	POLY BAGS	
94671-XYH	0.090	2.29	0.085	2.16	0.180	4.57	POLY BAGS	
95653-XYH	0.330	8.38	0.310	7.87	0.160	4.06	POLY BAGS	
95666-XYH	0.230	5.84	0.145	3.68	0.060	1.52	POLY BAGS	
10089061-XY	0.125	3.18	0.318	8.08	0.135	3.43	POLY BAGS	

www.fciconnect.com			surface ISO 1302	✓	tolerance std ISO 406 ISO 1101	projection A4	INCH/MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	T.BREWBAKER	01/31/95	ANGULAR	LINEAR	0.X	±0.3	size
Eng	T.HANNA	01/31/95			0.XX	±0.15	A4
Chr	T.HANNA	01/31/95			0.XXX	±0.05	Scale
Appr	T.HANNA	01/31/95	0°	±2°			ECN
			Product family			BERGSTIK	Spec ref
			title			BERGSTIK® II HEADER	Rev.
						.100/2.54cc SR R/A	BA
			catalog no			68015	sheet 4 of 4
						CUSTOMER	

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