

PRODUCT NUMBER

XXXXX-YYY HTLF

LEAD FREE OPTION
SEE NOTE 1,8

TUBE PACKAGING OPTION
SEE NOTE 1

HIGH TEMPERATURE PLASTIC
SEE NOTE 1

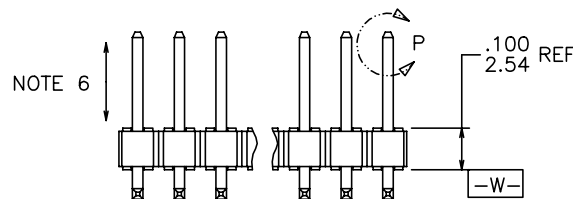
NO OF
POSITIONS
SEE NOTE 1

PIN PLATING
SEE SHEET 2

BASE PART NO.



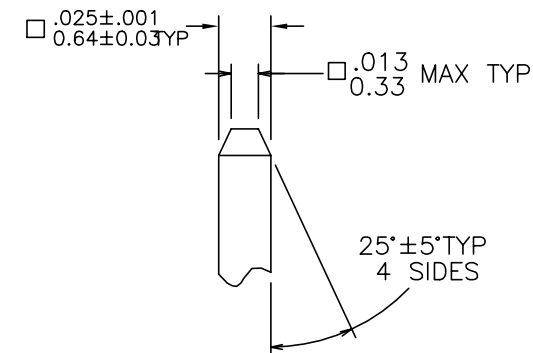
TOP VIEW



SIDE VIEW

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

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 Au

BASE PART NO.
SINGLE ROW RIGHT ANGLE

mat'l. code SEE NOTES 2 & 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK											
ltr ecn nodr date				tolerances unless otherwise specified						title											
BB		ELX-N-16105		ZK		10/22/13		angles		linear		.XX±.01/.XX±0.3		INCH/MM		BERGSTIK® II HEADER .100/2.54cc SR R/A					
BC		ELX-N-16356		ZK		11/25/13		0°±2°		.XXX±.005/.XXX±0.13		.XXXX±.0020/.XXXX±0.051									
										scale 2:1											
AV		M08-0169		MHT		6/16/08		dr		T.BREWBAKER		01/31/95				dwg no		sheet 1 of 4		size	
AW		M08-0267		MHT		9/25/08		engr		T.HANNA		01/31/95				68015		A3			
AX		M08-0331		MHT		12/01/08		chr		T.HANNA		01/31/95									
BA		N11-0118		J.Z		04/11/11		appd		T.HANNA		01/31/95				type Product Customer Drawing					
sheet		revisor		BC		BC		BC		BC											
index		sheet		1		2		3		4											

PIN PLATING CODES:

XXXXX-1YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-2YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-3YY	50u"/1.27u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 10)
XXXXX-4YYHLF	
XXXXX-5YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-6YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-7YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-8YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-9YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-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 FIED 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-XYX-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 DAL DON'T EXCEED 31mm
DAL= 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

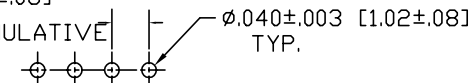
(3.) FOR SPECIAL PACKAGING REQUEST PLEASE CONTACT PRODUCT MANAGER FOR AVAILABILITY

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

 $.100 \pm .003 \quad [2.54 \pm .08]$

TYP. NON-ACCUMULATIVE |  $\phi.040 \pm .003$ [1.02 ± .08]
TYP.



RECOMMENDED HOLE PATTERN

mat'l. code		surface		tolerance		projection		product family	
SEE NOTES 2 & 3		ISO 1302 ✓		ISO 406 ISO 1101				BERGSTIK	
ltr ecn nodr		date		tolerances unless otherwise specified				title	
BC								BERGSTIK® II HEADER	
						INCH/MM		.100/2.54cc SR R/A	
						scale 2:1			
		angles		linea				dwg no	
								sheet 2 of 4	
		0° ± 2'		XXXX ± .01 / XXX ± .03 XXXX ± .005 / XXX ± .013 XXXX ± .002 / XXX ± .001		FCI		68015	
		dr		T.BREWBAKER		01/31/95		A3	
		engr		T.HANNA		01/31/95			
		chr		T.HANNA		01/31/95			
		appd		T.HANNA		01/31/95			
sheet		revision						type	
index		sheet						Product Customer Drawing	

1

2 3

4

5

6

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	OB
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	OB
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	NOTE 1,8
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	OB
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	

mat'l. code SEE NOTES 2 & 3		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK	
ltr/ecn nodr		date		tolerances unless otherwise specified				title	
BC				angles		linear		INCH/MM	
				0°±2°		XXX±.01/XX±.03 XXX±.005/XX±.013 XXX±.0020/XXX±.0051		scale 2:1	
				dr		T.BREWBAKER 01/31/95		dwg no sheet 3 of 4 size	
				engr		T.HANNA 01/31/95		68015 A3	
				chr		T.HANNA 01/31/95		type Product Customer Drawing	
				appd		T.HANNA 01/31/95			
sheet index		revision sheet							

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

mat'l. code SEE NOTES 2 & 3		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK	
ltr ecn nodr		date		tolerances unless otherwise specified				title	
BC				angles	linear	$XX \pm .01 / XX \pm .03$	INCH/MM	BERGSTIK® II HEADER .100/2.54cc SR R/A	
				$0^\circ \pm 2'$	$XXX \pm .005 / XXX \pm .013$ $XXXX \pm .002 / XXX \pm .051$	scale 2:1			
				dr	T.BREWBAKER	01/31/95	FCI 	dwg no	
				engr	T.HANNA	01/31/95		sheet 4 of 4	
				chr	T.HANNA	01/31/95		68015	
				appd	T.HANNA	01/31/95		A3	
sheet	revision							type Product Customer Drawing	
index	sheet								