

PRODUCT NUMBER

XXXXX-YYY HTLF

LEAD FREE OPTION
SEE NOTE 1,8

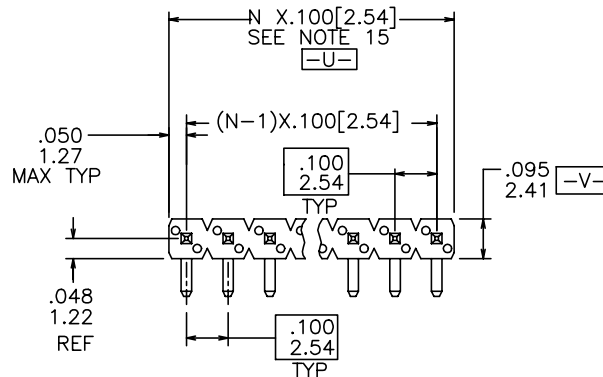
TUBE PACKAGING OPTION
SEE NOTE 1

HIGH TEMPERATURE PLASTIC
SEE NOTE 1

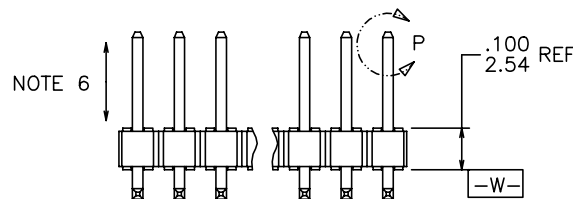
NO OF
POSITIONS
SEE NOTE 1

PIN PLATING
SEE SHEET 2

BASE PART NO.



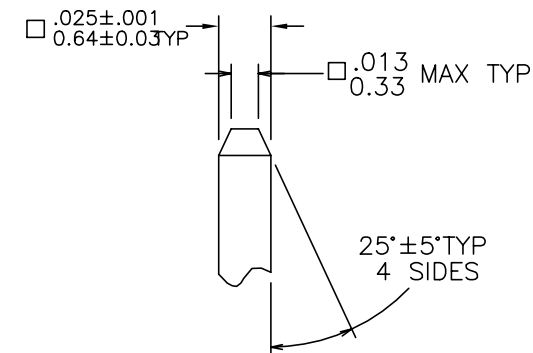
TOP VIEW



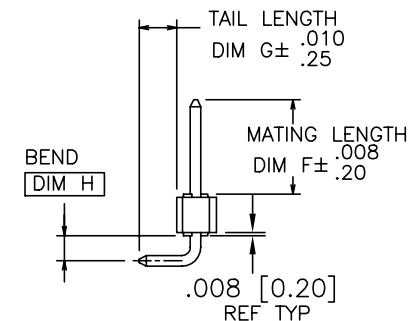
SIDE VIEW

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

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 INCH/MM		product family BERGSTIK	
ltr ecn no dr		date		tolerances unless otherwise specified		title		BERGSTIK® II HEADER	
BB	ELX-N-16105	ZK	10/22/13	angles	linear	XX ± .01 / XX ± .03	scale 2:1	.100/2.54cc SR R/A	
BC	ELX-N-16356	ZK	11/25/13	0° ± 2°		XXX ± .005 / XXX ± 0.13		dwg no	
						XXXX ± .0020 / XXX ± 0.051		sheet 1 of 4	
AV	M08-0169	MHT	6/16/08	dr	T.BREWBAKER	01/31/95	FCI	size	
AW	M08-0267	MHT	9/25/08	engr	T.HANNA	01/31/95		68015	
AX	M08-0331	MHT	12/01/08	chr	T.HANNA	01/31/95		A3	
BA	N11-0118	J.Z	04/11/11	appd	T.HANNA	01/31/95		type Product Customer Drawing	
sheet	revisio	BC	BC	BC	BC				
index	sheet	1	2	3	4				

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 FIBER FLAME RETARDANT 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 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

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

.100±.003 [2.54±.08]

TYP. NON-ACCUMULATIVE

Ø.040±.003 [1.02±.08]
TYP.

RECOMMENDED HOLE PATTERN

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



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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-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-XXY			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-XXYH	0.140	3.56	0.290	7.37	0.153	3.89	POLY BAGS	OB
84917-XXYH	0.090	2.29	0.195	4.95	0.190	4.83	POLY BAGS	OB
84935-XXYH	0.450	11.43	0.320	8.13	0.260	6.60	POLY BAGS	OB
84936-XXYH	0.350	8.89	0.120	3.05	0.060	1.52	POLY BAGS	OB
87532-XXYH	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-XXYH	0.120	3.05	0.295	7.49	0.135	3.43	POLY BAGS	OB
94671-XXYH	0.090	2.29	0.085	2.16	0.180	4.57	POLY BAGS	OB
95653-XXYH	0.330	8.38	0.310	7.87	0.160	4.06	POLY BAGS	OB
95666-XXYH	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 no dr date		tolerances unless otherwise specified						title	
BC				angles	linear	$\pm 0.01/\pm 0.3$	INCH/MM	BERGSTIK® II HEADER	
				0°±2°		$\pm 0.005/\pm 0.13$		.100/2.54cc SR R/A	
						$\pm 0.0020/\pm 0.051$	scale 2:1		
				dr	T.BREWBAKER	01/31/95			
				engr	T.HANNA	01/31/95			
				chr	T.HANNA	01/31/95			
				appd	T.HANNA	01/31/95			
sheet index	revision sheet							dwg no	sheet 4 of 4 size
								68015	A3
type Product Customer Drawing									