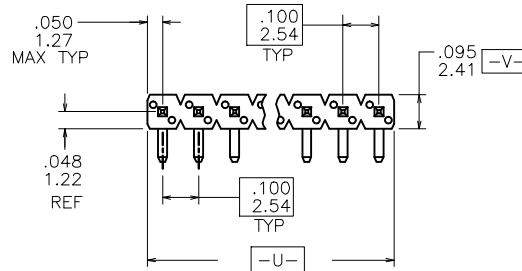


PRODUCT NUMBER

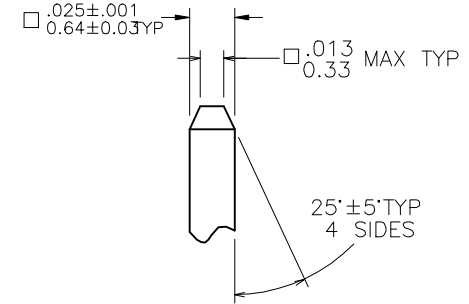
XXXXX-YYY HTLF

- 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.

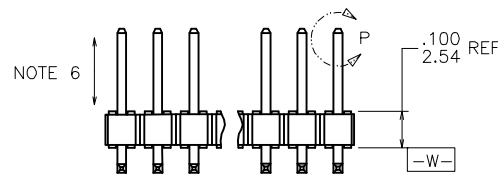
$\varnothing .020/0.51$ (M) U (M) V (S) W
NOTE 4



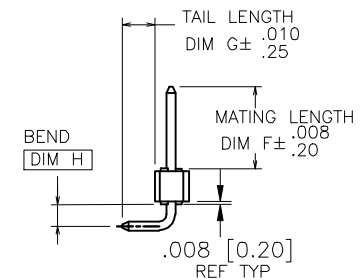
TOP VIEW



DETAIL P
TYP BOTH ENDS



SIDE VIEW



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

NOTE 6

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		scale 2:1	title BERGSTIK® II HEADER .100/2.54cc SR R/A
AP	M04-0234	MHT	12/29/04	angles	.XX±.01/XX±0.3		dwg no 68015
AR	M05-0072	MHT	5/03/05	linear	.XXX±.006/XX±0.13		sheet 1 of 4 size A3
AS	M06-0268	MHT	7/17/06	0'±2'	.XXX±.0020/XXX±0.051		type Product Customer Drawing
AT	M06-0346	MHT	9/04/06	dr	T.BREWBAKER 01/31/95		
AU	M08-0154	MHT	5/27/08	engr	T.HANNA 01/31/95		
AV	M08-0169	MHT	6/16/08	chr	T.HANNA 01/31/95		
AW	M08-0267	MHT	9/25/08	appd	T.HANNA 01/31/95		
sheet	revision	AW	AW	AW	AW		
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 Au 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 Au OVER 50u"/1.27u MIN Ni
XXXX-8YY	15u"/0.38u MIN Au OVER 50u"/1.27u MIN Ni
XXXX-9YY	15u"/0.38u MIN GXT OVER 50u"/1.27u MIN Ni
XXXX-0YY	30u"/0.76u MIN GXT OVER 50u"/1.27u MIN Ni

NOTES

1. PART NUMBER OPTIONS:

PIN PLATING CODES (SEE ABOVE)

HIGH TEMP. MATERIAL:

FOR HIGH-TEMPERATURE APPLICATIONS, SPECIFY AN "H" AT THE END OF THE PART NUMBER, AND PCT WILL BE SUPPLIED.

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, -5YH, -6YY & -6YH.

2. BODY MATERIAL:

MANUFACTURER'S OPTION OF NYLON OR PCT, GLASS FIBER REINFORCED, OR LCP MINERAL FILED FLAME RETARDENT PER UL-94V-0. COLOR: BLACK.

PART NUMBERS WITH "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

PART NUMBERS WITHOUT "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR WAVE 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-XY-MIL
NOT AVAILABLE.

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

9. PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

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

.100±.003 [2.54±.08]
TYP. NON-ACCUMULATIVE

∅.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 INCH/MM	product family BERGSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified	title BERGSTIK® II HEADER .100/2.54cc SR R/A
AW				linear XX±.01/XX±0.3 XXX±.006/XXX±0.13 XXXX±.0020/XXXX±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	revision				type Product Customer Drawing
index	sheet				dwg no 68015 sheet 2 of 4 size A3

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	

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 BERGSTIK® II HEADER .100/2.54cc SR R/A
AW				linear XX±.01/XX±0.3 XXX±.006/XXX±0.13 O'±.2' XXXX±.0020/XXXX±0.051	INCH/MM scale 2:1
dr	T.BREWBAKER	01/31/95			dwg no 68015
engr	T.HANNA	01/31/95			sheet 3 of 4 size A3
chr	T.HANNA	01/31/95			type Product Customer Drawing
appd	T.HANNA	01/31/95			
sheet index	revision sheet				



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

LF
OPTION
NOTE 1,8

NOTE 1,8



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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 BERGSTIK® II HEADER .100/2.54cc SR R/A
AW				angles	linear		
				0°±2'	.XX±.01/XX±0.3 .XXX±.006/XXX±0.13 .XXXX±.0020/XXXX±0.051	scale 2:1	dwg no 68015
				dr	T.BREWBAKER 01/31/95		sheet 4 of 4 size A3
				engr	T.HANNA 01/31/95		type Product Customer Drawing
				chr	T.HANNA 01/31/95		
				appd	T.HANNA 01/31/95		
sheet index	revision sheet						