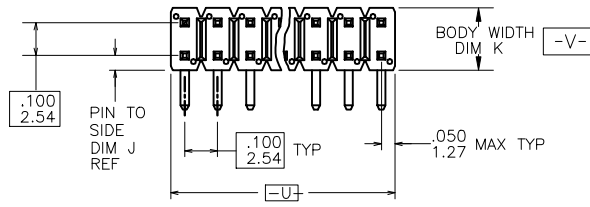


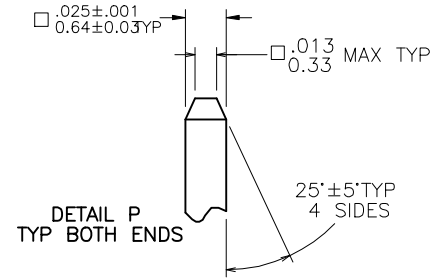
PRODUCT NUMBER  
XXXXX-YYYHTLF

- 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.



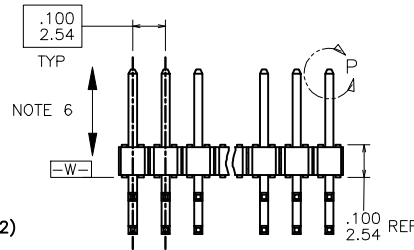
TOP VIEW

$\varnothing .020/.51$  (M) U (M) V W  
NOTE 4

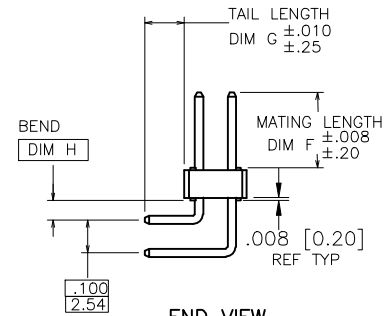


68020-X XX-XXX XXX LF

- TAIL LENGTH (EXAMPLE BELOW)  
3.0mm=030 12.8mm=128 (SEE NOTE 11 & 12)
- MATTING LENGTH (EXAMPLE BELOW)  
5.0mm=050 25.5mm=255 (SEE NOTE 11 & 12)
- TOTAL NUMBER OF POSITION  
FROM 2(2X1) THRU 72 (2X36) POSITIONS
- PIN PLATING (SEE NOTE 9)  
1=0.76µm Au  
4= PURE TIN  
8=0.36µm Au
- BASE PART NO.



SIDE VIEW



END VIEW

mat'l. code NOTES 2 & 3				surface ISO 1902	tolerance ISO 406 ISO 1101	projection INCH/MM	product family BERGSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified		scale 1:1	title BERGSTIK® II HEADER .100/2.54cc DR R/A
BA	M05-0072	MHT	5/03/05	angles	linear		
BB	M06-0268	MHT	7/17/06				dwg no 68020
BC	M06-0348	MHT	9/04/06	0'±2'		sheet 1 of 5	
BD	M07-0165	AGS	3/22/07	dr	D.WIHTING	03/08/93	size A3
BE	M08-0169	MHT	3/05/07	engr	T.HANNA	03/08/93	type Product Customer Drawing
BF	M08-0267	MHT	9/25/08	chr	T.BREWNAKER	03/08/93	
BG	M08-0331	MHT	12/01/08	appd	T.HANNA	03/08/93	
sheet	revision	BG	BG	BG	BG	BG	
index	sheet	1	2	3	4	5	

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:

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

NUMBER OF POSITION:

EVEN NUMBER OF POSITIONS FROM 2 (2X1) THRU 72 (2X36).

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, PCT GLASS FIBER REINFORCED, OR MINERAL FILLED LCP 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:  
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 + TAIL DIM +4.0mm<=31mm "WHERE THE SUM OF TAIL LEGTH DON'T EXCEED 27mm" TAIL  
TAIL LENGTH MIN 2.00mm TAIL LENGTH MAX 10.4mm  
MATTING LENGTH MIN 1.5mm MATTING LENGTH MAX 25.4mm
- 12. INCREMENTS BY 0.1mm IN LENGTH ONLY
- 13. FOR ESPECIAL PACKAGING REQUEST PLEASE CONTACT PRODUCT MANAGER FOR AVAILABILITY
- 14. BEND DIMENSION AT 1.5mm ONLY

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

∅.040±.003 [1.02±.08]  
TYP.



.100±.003 [2.54±.08]

**RECOMMENDED HOLE PATTERN**

mat'l. code	NOTES 2 & 3	surface	ISO 1302	tolerance	ISO 406	projection	product family
ltr	ec'n no	dr	date	tolerances unless otherwise specified		INCH/MM	BERGSTIK
BG				linear	ISO 1101		title
				angles	XXX.X/XX.X	scale	BERGSTIK® II HEADER
				0'±2'	XXX.X/XX.X	1:1	.100/2.54cc DR R/A
		dr	D.WHITING	03/08/93			dwg no
		engr	T.HANNA	03/08/93			sheet 2 of 5
		chr	T.BREWNAKER	03/08/93			size
		appd	T.HANNA	03/08/93			A3
sheet	revision						type
index	sheet						Product Customer Drawing

PRODUCT NUMBER	MATING		LENGTH		TAIL LENGTH		BEND DIM.		PIN TO SIDE		BODY WIDTH		PACKAGING	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	DIM J	DIM J	DIM K	DIM K				
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC				
68020-XYX	0.230	5.84	0.095	2.41	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS		NOTE 1,8	
68021-XYX	0.230	5.84	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS			
68022-XYX	0.318	8.08	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
68025-XYX	0.230	5.84	0.195	4.95	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS			
68405-XYX	0.230	5.84	0.095	2.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
68452-XYX	0.380	9.65	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
68459-XYX	0.318	8.08	0.150	3.81	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS/TUBES			
68462-XYX	0.400	10.16	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS			
68463-XYX	0.230	5.84	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
68480-XYX	0.318	8.08	0.110	2.79	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS			
68492-XYX	0.230	5.84	0.150	3.81	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
68493-XYX														
68695-XYX	0.230	5.84	0.090	2.29	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS			
68696-XYX	0.318	8.08	0.125	3.18	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS			
68697-XYX	0.230	5.84	0.125	3.18	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS			
68715-XYX	0.138	3.51	0.138	3.51	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS			
68728-XYX														
68740-XYX	0.345	8.76	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
68759-XYX	0.275	6.99	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS			
68780-XYX	0.230	5.84	0.039	0.99	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS			
69147-XYX	0.540	13.72	0.260	6.60	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS			
69186-XYX														
72240-XYXH	0.550	13.97	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
72261-XYXH	0.100	2.54	0.100	2.54	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS			
72324-XYXH	0.550	13.97	0.260	6.60	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
72410-XYXH	0.120	3.05	0.350	8.89	0.120	3.05	0.070	1.78	0.240	6.10	POLY BAGS			
74430-XYXH	0.000	0.00	0.233	5.92	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS			

NOTE 1,8



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mat'l. code NOTES 2 & 3				Surface ISO 1302		Tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified						INCH/MM 		title BERGSTIK® II HEADER .100/2.54cc DR R/A	
BG				linear		XX±.01/XX±.03		scale 1:1		dwg no 68020		sheet 3 of 5 size A3	
				0'±.2'		XXX±.006/XXX±.013		FCJ		type Product Customer Drawing			
						XXX±.0020/XXX±0.051							
				dr		D.WHITING 03/08/93							
				engr		T.HANNA 03/08/93							
				chr		T.BREWNAKER 03/08/93							
				appd		T.HANNA 03/08/93							
sheet	revision												
index	sheet												

form: A3

PRODUCT NUMBER	MATING		LENGTH		TAIL LENGTH		BEND DIM.		PIN TO SIDE		BODY WIDTH		PACKAGING	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	DIM J	DIM J	DIM K	DIM K				
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC				
78576-XYX	0.120	3.05	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS		NOTE 1,8	
78923-XYX	0.240	6.10	0.095	2.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
78951-XYX	0.500	12.70	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS			
79200-XYX	0.155	3.94	0.280	7.11	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
79201-XYX	0.225	5.72	0.280	7.11	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
79202-XYX	0.245	6.22	0.280	7.11	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
79203-XYX	0.315	8.00	0.280	7.11	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
79204-XYX	0.177	4.50	0.410	10.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
79205-XYX	0.25	6.35	0.410	10.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
79206-XYX	0.315	8.00	0.410	10.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
79248-XYX					U N A V A I L A B L E									
79257-XYX	0.230	5.84	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS/TUBES			
79258-XYX	0.318	8.08	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS/TUBES			
79807-XYX					U N A V A I L A B L E									
79841-XYX	0.060	1.52	0.230	5.84	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS			
86385-XYX	0.260	6.6	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
86840-XYX	0.318	8.08	0.230	5.84	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
86867-XYX					U N A V A I L A B L E									
88822-XYX	0.318	8.08	0.080	2.03	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
89292-XYX	0.120	3.05	0.300	7.62	0.120	3.05	0.045	1.14	0.190	4.83	POLY BAGS			
90234-XYX	0.130	3.30	0.195	4.95	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS			
92634-XYX	0.318	8.08	0.318	8.08	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS			
93162-XYX	0.230	5.84	0.400	10.16	0.150	3.81	0.045	1.14	0.190	4.83	POLY BAGS			
93932-XYX	0.200	5.08	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
93939-XYX	0.160	4.06	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			
94687-XYXH	0.430	10.92	0.230	5.84	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS			
94688-XYXH	0.385	9.78	0.280	7.11	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			



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mat'l. code		surface		tolerance		projection		product family	
NOTES 2 & 3		ISO 1302		ISO 406		ISO 1101		BERGSTIK	
ltr	ecr no	dr	date	tolerances unless otherwise specified					
BG				angles	XX±.01/XX±.03		INCH/MM		
				linear	XXX±.006/XX±.013		scale 1:1		
				0'±2'	XXXX±.0020/XXX±.0051				
		dr	D.WIHTING	03/08/93					
		engr	T.HANNA	03/08/93					
		chr	T.BREWNAKER	03/08/93					
		appd	T.HANNA	03/08/93					
sheet	revision								
index	sheet								

PRODUCT NUMBER	MATING LENGTH		TAIL LENGTH		BEND DIM.		PIN TO SIDE		BODY WIDTH		PACKAGING	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	DIM J	DIM J	DIM K	DIM K		
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC		
95035-YYYH	0.230	5.84	0.400	10.16	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	NOTE 1,8
95182-YYYH	0.400	10.16	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	↓
98358-YYYH	0.205	5.21	0.410	10.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	NOTE 1,8
98359-YYYH	0.275	6.99	0.410	10.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	



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mat'l. code NOTES 2 & 3				surface ISO 1302 <input checked="" type="checkbox"/> ISO 406 ISO 1101		tolerance ISO 1101		projection 		product family BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified							
BG				angles	linear		INCH/MM		title BERGSTIK® II HEADER .100/2.54cc DR R/A		
				0° ±2'	.XX±.01/XX±.03		← →		scale 1:1		
					.XXX±.006/XXX±.013				dwg no 68020		
				dr	D.WIHTING 03/08/93				sheet 5 of 5 size A3		
				engr	T.HANNA 03/08/93				type Product Customer Drawing		
				chr	T.BREWNAKER 03/08/93						
				appd	T.HANNA 03/08/93						
sheet	revision										
index	sheet										