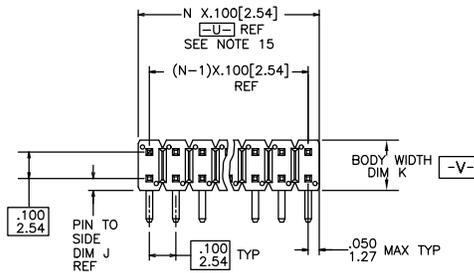
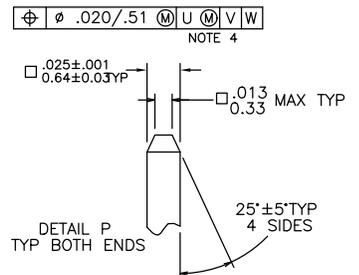


PRODUCT NUMBER
XXXXX-YYY HTLF

- 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.



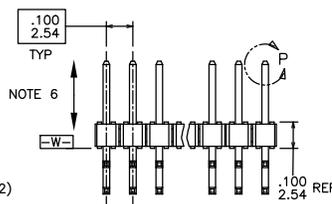
TOP VIEW



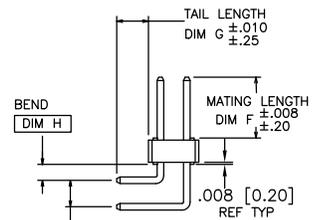
DETAIL P
TYP BOTH ENDS

68020-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 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



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www.fciconnect.com		surface 6.4 ISO 1302	tolerance std ISO 406 ISO 1101	projection A4	INCH/MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	D.WIHTING	03/08/93	ANGULAR	size	Scale 1.000
Eng	T.HANNA	03/08/93	LINEAR	ECN	N11-0118
Chr	T.BREVNAKER	03/08/93	0° ±2°	Spec ref	
Appr	T.HANNA	03/08/93	Product family	BERGSTIK	
rev	ecn no	dr	date	title	Rev.
BL	M06-0346	MHT	9/04/06	BERGSTIK® II HEADER	BJ
BH	M07-0165	AGS	3/22/07	.100/2.54cc DR R/A	
BN	M08-0169	MHT	3/05/07	catalog no	CUSTOMER
BP	M08-0267	MHT	9/25/08		sheet 1 of 5
BR	M08-0331	MHT	12/01/08		
BH	M09-0105	MHT	7/10/09		
BJ	N11-0118	J.Z.	2011-04-12		

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PDM: Rev:BJ

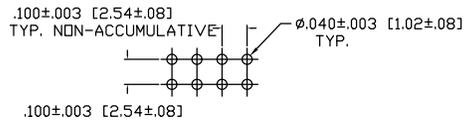
STATUS Released 4 Printed: Apr 20, 2011

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:
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:
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 + 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
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 ISO 1101	INCH/MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED		size A4	Scale 1:1000
Dr	D.WIHTING	03/08/93	ANGULAR	0.X	±0.3
Eng	T.HANNA	03/08/93	LINEAR	0.XX	±0.15
Chr	T.BREVNAKER	03/08/93	0° ±2°	0.XXX	±0.05
Appr	T.HANNA	03/08/93	Product family	BERGSTIK	Spec ref
FCI		BERGSTIK® II HEADER		2	68020
catalog no		.100/2.54cc DR R/A		Rev. BJ	
				CUSTOMER	sheet 2 of 5



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PRODUCT NUMBER	1		2				3		4		PACKAGING	LF OPTION NOTE 1,8
	MATING		TAIL LENGTH		BEND DIM.		PIN TO SIDE		BODY WIDTH			
	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-YYY	0.230	5.84	0.095	2.41	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68021-YYY	0.230	5.84	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68022-YYY	0.318	8.08	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
68025-YYY	0.230	5.84	0.195	4.95	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68405-YYY	0.230	5.84	0.095	2.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
68452-YYY	0.380	9.65	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
68459-YYY	0.318	8.08	0.150	3.81	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS/TUBES	
68462-YYY	0.400	10.16	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68463-YYY	0.230	5.84	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
68480-YYY	0.318	8.08	0.110	2.79	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68492-YYY	0.230	5.84	0.150	3.81	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
68493-YYY												
68695-YYY	0.230	5.84	0.090	2.29	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68696-YYY	0.318	8.08	0.125	3.18	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68697-YYY	0.230	5.84	0.125	3.18	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68715-YYY	0.138	3.51	0.138	3.51	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68728-YYY												
68740-YYY	0.345	8.76	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
68759-YYY	0.275	6.99	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68780-YYY	0.230	5.84	0.039	0.99	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
69147-YYY	0.540	13.72	0.260	6.60	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
69186-YYY												
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

www.fciconnect.com		surface ISO 1302	<input checked="" type="checkbox"/>	tolerance std ISO 406 ISO 1101	projection ISO 1101	INCH/MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	D.WIHTING	03/08/93	ANGULAR	0.X	±0.3	size A4
Eng	T.HANNA	03/08/93	LINEAR	0.XX	±0.15	Scale 1.000
Chr	T.BREVNAKER	03/08/93	0° ±2°	0.XXX	±0.05	ECN N11-0118
Appr	T.HANNA	03/08/93	Product family	BERGSTIK	Spec ref	
	title	BERGSTIK® II HEADER .100/2.54cc DR R/A		part no	68020	Rev. BJ
	catalog no			CUSTOMER	sheet 3 of 5	

PDM: Rev:BJ STATUS Released 4 Printed: Apr 20, 2011

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D

PRODUCT NUMBER	1		2				3		4		PACKAGING	LF OPTION NOTE 1,8
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	DIM J	DIM J	DIM K	DIM K		
	ENGLISH	METRIC										
78576-YYY	0.120	3.05	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
78923-YYY	0.240	6.10	0.095	2.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
78951-YYY	0.500	12.70	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
79200-YYY	0.155	3.94	0.280	7.11	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
79201-YYY	0.225	5.72	0.280	7.11	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
79202-YYY	0.245	6.22	0.280	7.11	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
79203-YYY	0.315	8.00	0.280	7.11	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
79204-YYY	0.177	4.50	0.410	10.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
79205-YYY	0.25	6.35	0.410	10.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
79206-YYY	0.315	8.00	0.410	10.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
79248-YYY												
79257-YYY	0.230	5.84	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS/TUBES	
79258-YYY	0.318	8.08	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS/TUBES	
79807-YYY												
79841-YYY	0.060	1.52	0.230	5.84	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
86385-YYY	0.260	6.6	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
86840-YYY	0.318	8.08	0.230	5.84	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
86867-YYY												
88822-YYY	0.318	8.08	0.080	2.03	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
89292-YYY	0.120	3.05	0.300	7.62	0.120	3.05	0.045	1.14	0.190	4.83	POLY BAGS	
90234-YYY	0.130	3.30	0.195	4.95	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
92634-YYY	0.318	8.08	0.318	8.08	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
93162-YYY	0.230	5.84	0.400	10.16	0.150	3.81	0.045	1.14	0.190	4.83	POLY BAGS	
93932-YYY	0.200	5.08	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
93939-YYY	0.160	4.06	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
94687-YYYH	0.430	10.92	0.230	5.84	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
94688-YYYH	0.385	9.78	0.280	7.11	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	NOTE 1,8

www.fciconnect.com		surface ISO 1302 ✓	tolerance std ISO 406 ISO 1101	projection A	INCH/MM
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	D.WIHTING	03/08/93	ANGULAR	0x	±0.3
Eng	T.HANNA	03/08/93	LINEAR	0xx	±0.15
Chr	T.BREVNAKER	03/08/93	0° ±2°	0xxx	±0.05
Appr	T.HANNA	03/08/93	Product family	BERGSTIK	ECN N11-0118
FCI		BERGSTIK® II HEADER .100/2.54cc DR R/A		2 68020	Rev. BJ
catalog no		CUSTOMER		sheet 4 of 5	

PDM: Rev:BJ STATUS Released 4 Printed: Apr 20, 2011

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PRODUCT NUMBER	1		2				3		4		PACKAGING	LF OPTION
	MATING LENGTH		TAIL LENGTH		BEND DIM.		PIN TO SIDE		BODY WIDTH			
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	DIM J	DIM J	DIM K	DIM K		
95035-XYH	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-XYH	0.400	10.16	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
98358-XYH	0.205	5.21	0.410	10.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
98359-XYH	0.275	6.99	0.410	10.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	NOTE 1,8



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www.fciconnect.com		surface ISO 1302 ✓	tolerance std ISO 406 ISO 1101	projection ASME Y14.5	INCH/MM
TOLERANCES UNLESS OTHERWISE SPECIFIED		0x	±0.3	size A4	Scale 1.000
Dr: D.WIHTING	03/08/93	ANGULAR	LINEAR	0xx	±0.15
Eng: T.HANNA	03/08/93	0° ±2°		0xxx	±0.05
Chr: T.BREVNAKER	03/08/93	Product family BERGSTIK		ECN N11-0118	Spec ref
Appr: T.HANNA	03/08/93	Product family BERGSTIK		ECN N11-0118	Spec ref
	title	BERGSTIK® II HEADER .100/2.54cc DR R/A		part no	68020
	catalog no			CUSTOMER	sheet 5 of 5

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