

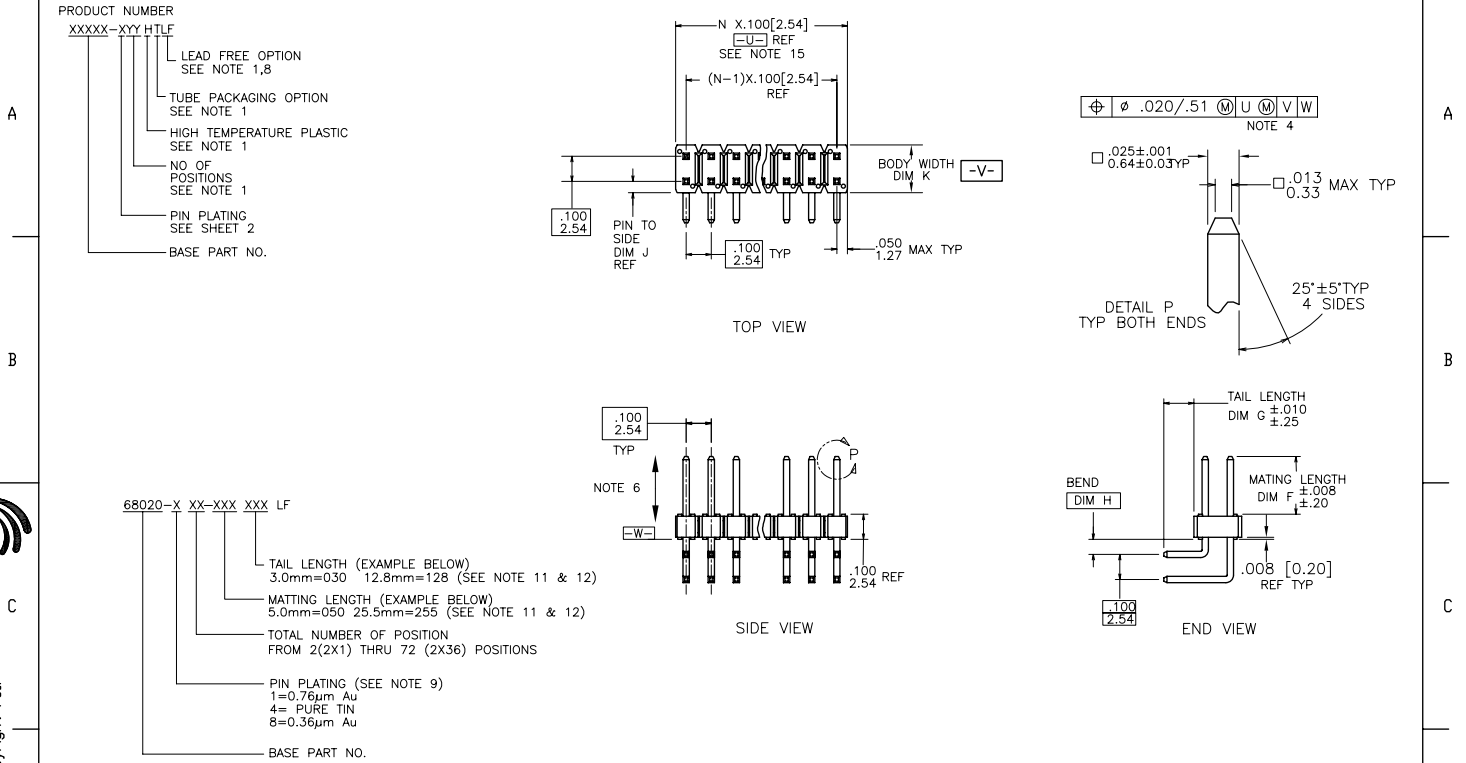
Excellent Integrated System Limited

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[68021-172HLF](#)

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www.fciconnect.com				surface 6.4	tolerance std	projection	INCH/MM
				ISO 1302	ISO 406 ISO 1101		
				TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	D.WHITING	03/08/93	ANGULAR	0.X	±0.3	size	Scale
Eng	T.HANNA	03/08/93	LINEAR	0.XX	±0.15	A4	1.000
Chr	T.BREWNAKER	03/08/93	0° ±2°	0.XXX	±0.05	ECN	
Appr	T.HANNA	03/08/93	Product family	BERGSTIK	Spec ref		
BG	M08-0331	MHT	BERGSTIK® II HEADER		68020	Rev.	
BH	M09-0105	MHT	.100/2.54cc DR R/A			BM	
BJ	N11-0118	JJZ	catalog no	Product-Customer Drw	sheet 1 of 5		

REV F - 2004-09-07

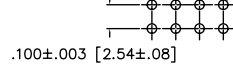
PIN PLATING CODES:	
XXXX-1YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-2YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-3YY	50u"/1.27u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 10)
XXXX-4YYHLF	
XXXX-5YY	15u"/0.38u MIN (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 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-XY-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 PDS. N X .100/2.54

.100±.003 [2.54±.08]
TYP. NON-ACCUMULATIVE
Ø.040±.003 [1.02±.08]
TYP.



RECOMMENDED HOLE PATTERN

www.fciconnect.com		surface ISO 1302 ✓	tolerance std ISO 406 ISO 1101	projection A4	INCH/MM
TOLERANCES UNLESS OTHERWISE SPECIFIED		ANGULAR	LINEAR	size	Scale
Dr	D.VIHING	03/08/93	0.X	±0.3	1.000
Eng	T.HANNA	03/08/93	0.XX	±0.15	
Chr	T.BREVNAKER	03/08/93	0.XXX	±0.05	ECN
Appr	T.HANNA	03/08/93	Product family	BERGSTIK	Spec ref
title		BERGSTIK® II HEADER		2	Rev.
catalog no		.100/2.54cc DR R/A		68020	BM
				Product-Customer Drw	sheet 2 of 5



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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-YYY	0.230	5.84	0.095	2.41	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS/TUBES	NOTE 1,8
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	OB
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	OB
68452-YYY	0.380	9.65	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS/TUBES	
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	OB
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	OB
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	OB
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	OB
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	OB
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	OB
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	OB
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-YYYH	0.550	13.97	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	OB
72261-YYYH	0.100	2.54	0.100	2.54	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
72324-YYYH	0.550	13.97	0.260	6.60	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	OB
72410-YYYH	0.120	3.05	0.350	8.89	0.120	3.05	0.070	1.78	0.240	6.10	POLY BAGS	
74430-YYYH	0.000	0.00	0.233	5.92	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	OB



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		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	D.VIHTING	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"	0.XXX	±0.05
Appr	T.HANNA	03/08/93	Product family	BERGSTIK	Spec ref
		title BERGSTIK® II HEADER .100/2.54cc DR R/A		size A4 Scale 1.000	Rev. BM
catalog no		Product-Customer Drw		sheet 3 of 5	

REV: 2004-02

1

2

3

4

PDS: Rev: BM

STATUS: Released

Printed: Apr 09, 2015

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



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TOLERANCES UNLESS OTHERWISE SPECIFIED		ANGULAR	LINEAR	INCH/MM
Dr	D.VIHING	03/08/93	0.X	±0.3
Eng	T.HANNA	03/08/93	0.XX	±0.15
Chr	T.BREVNAKER	03/08/93	0.XXX	±0.05
Appr	T.HANNA	03/08/93	Product family	BERGSTIK
Title		BERGSTIK® II HEADER		Spec ref
catalog no		.100/2.54cc DR R/A		68020
		Product-Customer Dwg		sheet 4 of 5

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	OB
95182-YYYH	0.400	10.16	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	OB NOTE 1,8
98358-YYYH	0.205	5.21	0.410	10.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	OB
98359-YYYH	0.275	6.99	0.410	10.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	OB
68020-144-095030LF	.374	9.50	0.118	3.00	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	



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TOLERANCES UNLESS OTHERWISE SPECIFIED		ANGULAR	LINEAR	0.X ±0.3	size A4	Scale 1.000
Dr	D.WIHTING	03/08/93		0.XX ±0.15	ECN	
Eng	T.HANNA	03/08/93	0° ±2°	0.XXX ±0.05	Spec ref	
Chr	T.BREVNAKER	03/08/93				
Appr	T.HANNA	03/08/93	Product family	BERGSTIK		
	title	BERGSTIK® II HEADER		68020	Rev.	BM
	catalog no	.100/2.54cc DR R/A		Product-Customer Drw	sheet 5 of 5	

REV F - 095030