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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.

68020-X XX-XXX XXX LF

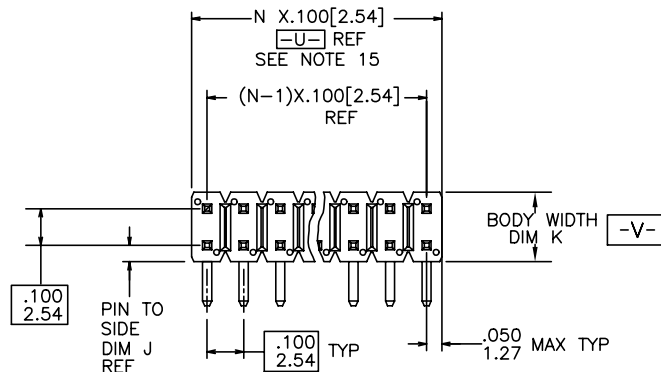
TAIL LENGTH (EXAMPLE BELOW)
3.0mm=030 12.8mm=128 (SEE NOTE 11 & 12)

MATING LENGTH (EXAMPLE BELOW)
5.0mm=050 25.5mm=255 (SEE NOTE 11 & 12)

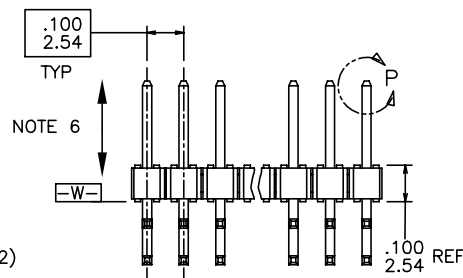
TOTAL NUMBER OF POSITION
FROM 2(2X1) THRU 72 (2X36) POSITIONS

PIN PLATING (SEE NOTE 9)
1=0.76µm Au
4= PURE TIN
8=0.36µm Au

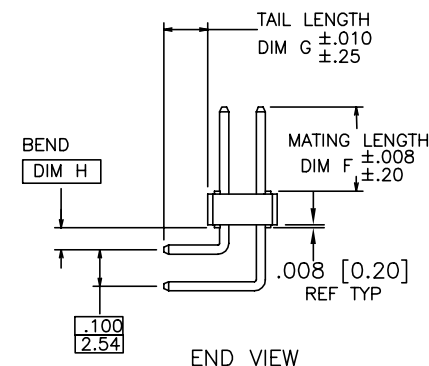
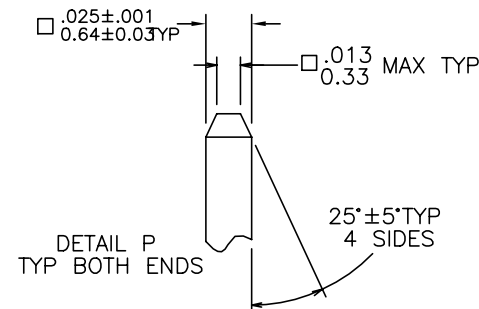
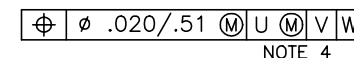
BASE PART NO.



TOP VIEW



SIDE VIEW



END VIEW

www.fciconnect.com			surface 6.4 ISO 1302	tolerance std ISO 406 ISO 1101	projection ISO 10	INCH/MM
TOLERANCES UNLESS OTHERWISE SPECIFIED			ANGULAR	LINEAR	size A4	Scale 1.000
Dr	D.WIHTING	03/08/93	0°	±2°	0.X ±0.3	ECN
Eng	T.HANNA	03/08/93	0°	±2°	0.XX ±0.15	Spec ref
Chr	T.BREWNAKER	03/08/93	0°	±2°	0.XXX ±0.05	
Appr	T.HANNA	03/08/93	Product family BERGSTIK			
rev	ecn no	dr	date		title	
BK	ELX-N-16105	ZK	2013-10-22		BERGSTIK® II HEADER	
BE	M08-0169	MHT	3/05/07		.100/2.54cc DR R/A	
BF	M08-0267	MHT	9/25/08		catalog no	
BG	M08-0331	MHT	12/01/08		CUSTOMER	
BH	M09-0105	MHT	7/10/09		sheet 1 of 5	
BJ	N11-0118	J.Z	2011-04-12			

PIN PLATING CODES:

XXXXX-1YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-2YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-3YY	50u"/1.27u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 10)
XXXXX-4YYHLF	
XXXXX-5YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-6YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-7YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-8YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-9YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-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-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

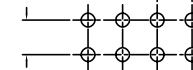
DAL= MATTING DIM + TAIL DIM +4.0mm<=31mm "WHERE THE SUM OF TAIL LEGTH DON'T EXCEED 27mm" TAIL
TAIL LENGTH MIN 2.00mm TAIL LENGTH MAX 10.4mm
MATTING LENGTH MIN 1.5mm MATTING LENGTH MAX 25.4mm

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.

.100±.003 [2.54±.08]

RECOMMENDED HOLE PATTERN

www.fciconnect.com			surface ISO 1302 ✓	tolerance std ISO 406 ISO 1101	projection A4	INCH/MM ←→
Dr	D.WIHTING	03/08/93	ANGULAR 0° ±2°	0.X	±0.3	size
Eng	T.HANNA	03/08/93		0.XX	±0.15	A4
Chr	T.BREWNAKER	03/08/93		0.XXX	±0.05	ECN
Appr	T.HANNA	03/08/93	Product family		BERGSTIK	Spec ref
FCI			title		BERGSTIK® II HEADER	dwg no 68020
					.100/2.54cc DR R/A	
			catalog no		CUSTOMER	Rev. BK
					sheet 2 of 5	

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PRODUCT NUMBER	MATING LENGTH		TAIL LENGTH		BEND DIM.		PIN TO SIDE		BODY WIDTH			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	PACKAGING	
	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	OB
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				U N A V A I L A B L E								
68695-XYX	0.230	5.84	0.090	2.29	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	OB
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				U N A V A I L A B L E								
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				U N A V A I L A B L E								
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	

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			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	D.WIHTING	03/08/93	ANGULAR	0.X	±0.3	size
Eng	T.HANNA	03/08/93	LINEAR	0.XX	±0.15	Scale
Chr	T.BREWNAKER	03/08/93	0° ±2°	0.XXX	±0.05	ECN
Appr	T.HANNA	03/08/93	Product family	BERGSTIK	Spec ref	
FCI		title			68020	Rev.
		BERGSTIK® II HEADER				BK
		.100/2.54cc DR R/A				
		catalog no			CUSTOMER	sheet 3 of 5

REV F - 2006-04-17

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PDS: Rev :BK

STATUS:Released

Printed: Oct 29, 2013

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

NOTE 1,8

NOTE 1,8

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Dr	D.WIHTING	03/08/93	ANGULAR	LINEAR	size	Scale
Eng	T.HANNA	03/08/93	0°	±2°	A4	1.000
Chr	T.BREWNAKER	03/08/93	0°	±2°	ECN	
Appr	T.HANNA	03/08/93	Product family	BERGSTIK	Spec ref	
FCI			title			Rev.
			BERGSTIK® II HEADER			BK
			.100/2.54cc DR R/A			
			catalog no			
			CUSTOMER			sheet 4 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		
95035-XXXH	0.230	5.84	0.400	10.16	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	OB NOTE 1,8 OB
95182-XXXH	0.400	10.16	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
98358-XXXH	0.205	5.21	0.410	10.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
98359-XXXH	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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www.fciconnect.com			surface ISO 1302 ✓		tolerance std ISO 406 ISO 1101		projection 		INCH/MM ←————→		
			TOLERANCES UNLESS		OTHERWISE SPECIFIED						
Dr	D.WIHTING	03/08/93	ANGULAR	LINEAR	0.X ±0.3		size	A4	Scale		
Eng	T.HANNA	03/08/93			0.XX ±0.15		1000				
Chr	T.BREWNAKER	03/08/93			0.XXX ±0.05		ECN				
Appr	T.HANNA	03/08/93	Product family		BERGSTIK		Spec ref				
	title				BERGSTIK® II HEADER				dwg no	68020	Rev. BK
					.100/2.54cc DR R/A						
	catalog no										
					CUSTOMER						
					sheet 5 of 5						

1

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