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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)

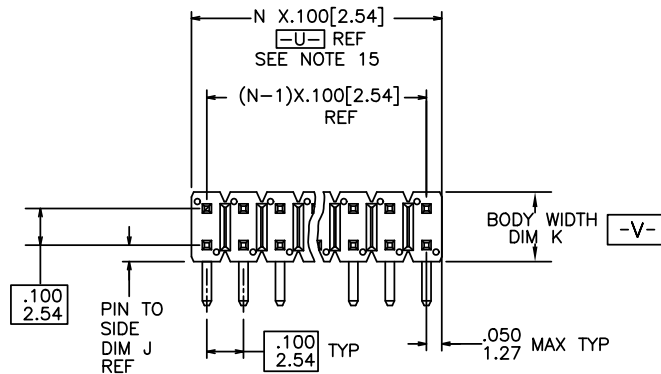
MATING LENGTH (EXAMPLE BELOW)
5.0mm=050 25.5mm=255 (SEE NOTE 11 & 12)

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

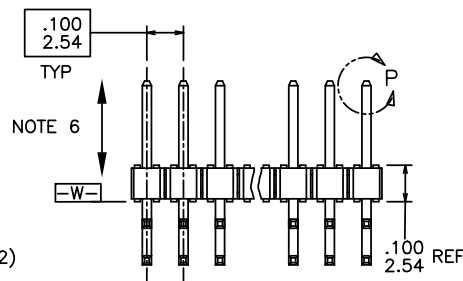
PIN PLATING (SEE NOTE 9)
1=0.76µm Au
4= PURE TIN
8=0.36µm Au

BASE PART NO.

2

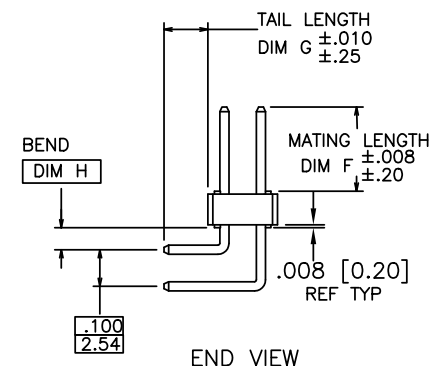
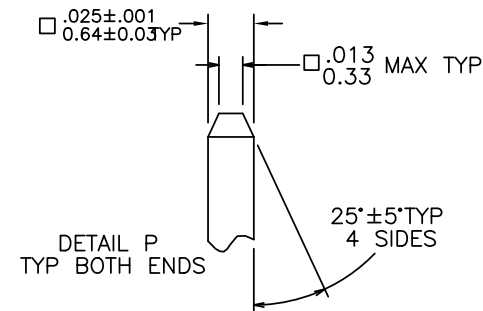


TOP VIEW



SIDE VIEW

Ø .020/.51 (M) U (M) V W
NOTE 4



END VIEW

www.fciconnect.com			surface 6.4 ISO 1302	tolerance std ISO 406 ISO 1101	projection ISO 1101	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 N11-0118
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	
BL	M06-0346	MHT	9/04/06		BERGSTIK® II HEADER	
BM	M07-0165	AGS	3/22/07		.100/2.54cc DR R/A	
BN	M08-0169	MHT	3/05/07		dwg no 68020	
BP	M08-0267	MHT	9/25/08		Rev. BJ	
BR	M08-0331	MHT	12/01/08			
BH	M09-0105	MHT	7/10/09			
BJ	N11-0118	J.Z	2011-04-12		CUSTOMER	
catalog no					sheet 1 of 5	

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-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.

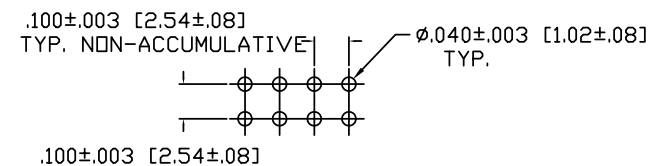
10. THIS PRODUCT HAS 100%% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

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 POS. N X .100/2.54

RECOMMENDED HOLE PATTERN

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

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	PRODUCT NUMBER	MATING	LENGTH	TAIL	LENGTH	BEND	DIM.	PIN	TO	SIDE	BODY	WIDTH	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	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC				
A	68020-XYX	0.230	5.84	0.095	2.41	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS			
	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			
B	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			
C	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			
D	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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www.fciconnect.com			surface ISO 1302		tolerance std ISO 406 ISO 1101		projection ISO 10110		INCH/MM	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	D.WIHTING	03/08/93	ANGULAR		LINEAR		size		A4	
Eng	T.HANNA	03/08/93					0.X		±0.3	
Chr	T.BREWNAKER	03/08/93	0° ±2°				0.XX		±0.15	
Appr	T.HANNA	03/08/93					0.XXX		±0.05	
Product family			BERGSTIK			Spec ref				
title			BERGSTIK® II HEADER			dwg no			68020	
catalog no			.100/2.54cc DR R/A			Rev.			BJ	
CUSTOMER						sheet 3 of 5				

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PDM: Rev:BJ

STATUS Released 4 Printed: Apr 20, 2011

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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		
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												
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												
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												
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	NOTE 1,8

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www.fciconnect.com			surface ISO 1302	tolerance std ISO 406 ISO 1101	projection A4	INCH/MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	D.WIHTING	03/08/93	ANGULAR	LINEAR	0.X ±0.3	size A4 Scale 1.000
Eng	T.HANNA	03/08/93			0.XX ±0.15	
Chr	T.BREWNAKER	03/08/93	0° ±2°		0.XXX ±0.05	ECN N11-0118
Appr	T.HANNA	03/08/93	Product family		BERGSTIK	Spec ref
FCI			title		BERGSTIK® II HEADER	
			catalog no		.100/2.54cc DR R/A	
			dwg no		68020	
			CUSTOMER		Rev. BJ	
			sheet 4 of 5			

PDM: Rev:BJ

STATUS Released 4 Printed: Apr 20, 2011

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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-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	
98359-YYYH	0.275	6.99	0.410	10.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	

A

B

C

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D

A

B

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D

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 1.000					
Eng	T.HANNA	03/08/93					0.XX	±0.15							
Chr	T.BREWNAKER	03/08/93					0.XXX	±0.05							
Appr		T.HANNA	03/08/93		Product family			BERGSTIK		Spec ref ECN N11-0118					
		title					BERGSTIK® II HEADER					dwg no 68020		Rev. BJ	
							.100/2.54cc DR R/A								
		catalog no										CUSTOMER			sheet 5 of 5

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