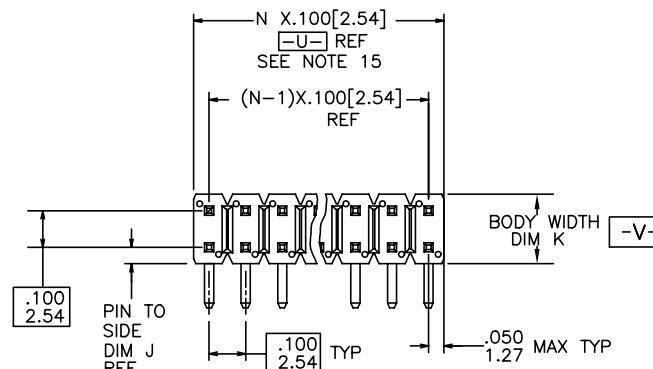
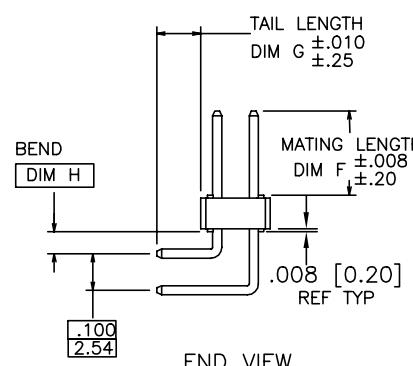
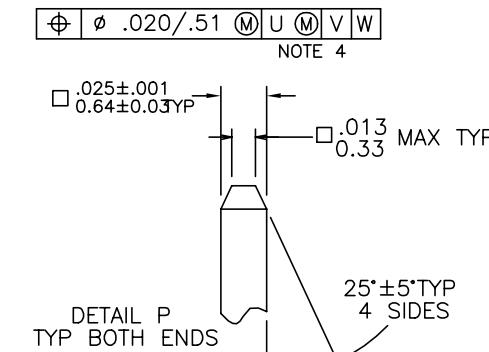


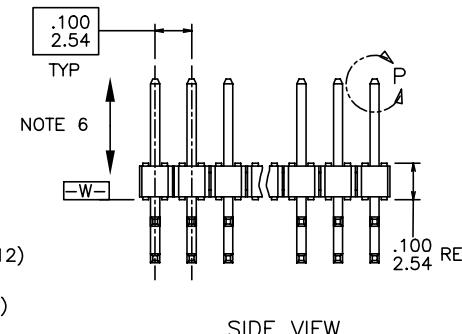
PRODUCT NUMBER
XXXXX-XXX HTLF
LEAD FREE OPTION
SEE NOTE 1,8
TUBE PACKAGING OPTION
SEE NOTE 1
HIGH TEMPERATURE PLASTIC
SEE NOTE 1
NO. OF
POSITIONS
SEE NOTE 1
PIN PLATING
SEE SHEET 2
BASE PART NO.



TOP VIEW



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

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rev	ecn no	dr	date
BK	ELX-N-16105	ZK	2013-10-22
BE	M08-0169	MHT	3/05/07
BF	M08-0267	MHT	9/25/08
BG	M08-0331	MHT	12/01/08
BH	M09-0105	MHT	7/10/09
BJ	NI1-0118	J.Z	2011-04-12

www.fciconnect.com		surface	6.4	tolerance std	ISO 1302	ISO 406	ISO 1101	projection	INCH/MM
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	A4	Scale 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				
FCI		BERGSTIK® II HEADER .100/2.54cc DR R/A				no	68020	Rev.	BK
		catalog no				dwg		CUSTOMER	sheet 1 of 5

PIN PLATING CODES:	
XXXXX-1YY	30 μ /0.76u MIN (SEE NOTE 9) OVER 50 μ /1.27u MIN Ni
XXXXX-2YY	15 μ /0.38u MIN (SEE NOTE 9) OVER 50 μ /1.27u MIN Ni
XXXXX-3YY	50 μ /1.27u MIN (SEE NOTE 9) OVER 50 μ /1.27u MIN Ni
XXXXX-4YY	100 μ /2.54u MIN Sn OVER 50 μ /1.27u MIN Ni (SEE NOTE 10)
XXXXX-4YYHLF	
XXXXX-5YY	15 μ /0.38u MIN (SEE NOTE 9) OVER 50 μ /1.27u MIN Ni
XXXXX-6YY	30 μ /0.76u MIN (SEE NOTE 9) OVER 50 μ /1.27u MIN Ni
XXXXX-7YY	30 μ /0.76u MIN (SEE NOTE 9) OVER 50 μ /1.27u MIN Ni
XXXXX-8YY	15 μ /0.38u MIN (SEE NOTE 9) OVER 50 μ /1.27u MIN Ni
XXXXX-9YY	15 μ /0.38u MIN (SEE NOTE 9) OVER 50 μ /1.27u MIN Ni
XXXXX-0YY	30 μ /0.76u MIN (SEE NOTE 9) OVER 50 μ /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-XYY-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 (78~295 μ "/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 LENGTH DON'T EXCEED 27mm" TAIL
TAIL LENGTH MIN 2.00mm TAIL LENGTH MAX 10.4mm
MATTING LENGTH MIN 15mm MATTING LENGTH MAX 25.4mm

⑫ INCREMENTS BY 0.1mm IN LENGTH ONLY

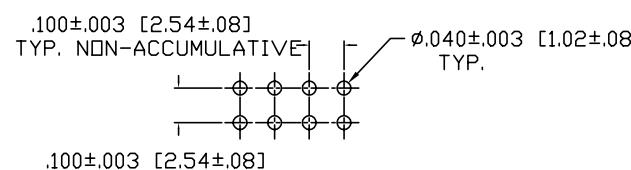
13. FOR ESPECIAL PACKAGING REQUEST PLEASE CONTACT PRODUCT MANAGER FOR AVAILABILITY

14. BEND DIMENSION AT 1.5mm ONLY

⑯ TO DETERMINE DIMENSIONS:

N=NUMBER OF POSITION PER ROW

EXAMPLE: 10 POS. N X .100/2.54



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	0.0	±0.3	size A4
Eng	T.HANNA	03/08/93	LINEAR	0.0X	±0.15	Scale 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		
	title	BERGSTIK® II HEADER	no	68020	Rev. BK	
	catalog no	.100/2.54cc DR R/A	dwg		CUSTOMER	sheet 2 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		
68020-XXX	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	POLY BAGS	NOTE 1,8 A
68021-XXX	0.230	5.84	0.095	2.41	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68022-XXX	0.230	5.84	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68025-XXX	0.230	5.84	0.195	4.95	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68405-XXX	0.230	5.84	0.095	2.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
68452-XXX	-0.380	9.65	0.110	2.79	-0.060	1.52	0.070	1.78	-0.240	-6.10	POLY BAGS	OB
68459-XXX	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-XXX	-0.400	10.16	0.120	3.05	-0.060	1.52	0.045	1.14	-0.190	-4.83	POLY BAGS	OB
68463-XXX	-0.230	5.84	0.110	2.79	-0.060	1.52	0.070	1.78	-0.240	-6.10	POLY BAGS	OB
68480-XXX	0.318	8.08	0.110	2.79	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	B
68492-XXX	0.230	5.84	0.150	3.81	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
68493-XXX					UNAVAILABLE							
68695-XXX	0.230	5.84	0.090	2.29	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68696-XXX	-0.318	8.08	0.125	3.18	-0.060	1.52	0.045	1.14	-0.190	-4.83	POLY BAGS	OB
68697-XXX	0.230	5.84	0.125	3.18	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	C
68715-XXX	0.138	3.51	0.138	3.51	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68728-XXX					UNAVAILABLE							
68740-XXX	-0.345	8.76	0.110	2.79	-0.060	1.52	0.070	1.78	-0.240	-6.10	POLY BAGS	OB
68759-XXX	-0.275	6.99	0.120	3.05	-0.060	1.52	0.045	1.14	-0.190	-4.83	POLY BAGS	
68780-XXX	-0.230	5.84	0.039	0.99	-0.060	1.52	0.045	1.14	-0.190	-4.83	POLY BAGS	
69147-XXX	-0.540	13.72	0.260	6.60	-0.060	1.52	0.045	1.14	-0.190	-4.83	POLY BAGS	C
69186-XXX					UNAVAILABLE							
72240-XXXH	-0.550	13.97	0.120	3.05	-0.060	1.52	0.070	1.78	-0.240	-6.10	POLY BAGS	OB
72261-XXXH	-0.100	2.54	0.100	2.54	-0.060	1.52	0.045	1.14	-0.190	-4.83	POLY BAGS	C
72324-XXXH	-0.550	13.97	0.260	6.60	-0.060	1.52	0.070	1.78	-0.240	-6.10	POLY BAGS	
72410-XXXH	-0.120	3.05	0.350	8.89	-0.120	3.05	0.070	1.78	-0.240	-6.10	POLY BAGS	
74430-XXXH	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.WIHTING	03/08/93	ANGULAR		0.X	±0.3			
Eng	T.HANNA	03/08/93	LINEAR		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		ECN			
				Spec ref					
	title	BERGSTIK® II HEADER .100/2.54cc DR R/A				no	68020		
	catalog no					dwg no	Rev. BK		
						CUSTOMER	sheet 3 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		
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	B
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	
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	
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	
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	NOTE 1,8
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							
Dr	D.WIHTING	03/08/93	ANGULAR	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
Appr	T.HANNA	03/08/93	Product family		BERGSTIK		Spec ref
FCI		title	BERGSTIK II HEADER			no	68020
		catalog no	.100/2.54cc DR R/A			dwg	Rev. BK
						CUSTOMER 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-XYYH	0.230	5.84	0.400	10.16	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	OB
95182-XYYH	0.400	10.16	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	OB NOTE
98358-XYYH	0.205	5.21	0.410	10.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	OB 1,8
98359-XYYH	0.275	6.99	0.410	10.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	OB

A

A

B

B

C

C

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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		0.0	±0.3	size A4
Eng	T.HANNA	03/08/93	LINEAR		0.XX	±0.15	Scale 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		
	title	BERGSTIK® II HEADER .100/2.54cc DR R/A				dwg no 68020	Rev. BK
	catalog no					CUSTOMER	sheet 5 of 5