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PIN PLATING CODES:

XXXX-1Y	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN N!
XXXX-2Y	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN N!
XXXX-3Y	50u"/1.27u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN N!
XXXX-4Y	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN N! (SEE NOTE 10)
XXXX-5Y	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN N!
XXXX-6Y	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN N!
XXXX-7Y	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN N!
XXXX-8Y	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN N!
XXXX-9Y	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN N!
XXXX-0Y	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN N!

NOTES

- PART NUMBER OPTIONS:
PIN PLATING CODES (SEE ABOVE)
- HIGH TEMP. MATERIAL:
PART NUMBERS WITH AND WITHOUT 'H' WILL BE SUPPLIED WITH 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 -5Y, -5YH, -6Y & -6YH.
- 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, INFRARED OR VAPOR PHASE SOLDER PROCESS.
- PIN MATERIAL: PHOS-BRONZE.
- MEASURED WITH PART IN RESTRAINED CONDITION.
- TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS.
- 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.
- 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.

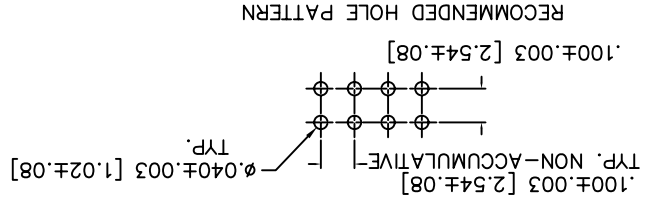
(11) THE DAL DON'T EXCEED 31mm
DAL = MATTING DIM + TAIL DIM + 4.0mm <= 31mm WHERE THE SUM OF TAIL LEGTH DON'T EXCEED 27mm TAIL
TAIL LENGTH MIN 2.00mm TAIL LENGTH MAX 10.4mm
MATTING LENGTH MIN 1.5mm MATTING LENGTH MAX 25.4mm

(12) INCREMENTS BY 0.1mm IN LENGTH ONLY

(13) FOR SPECIAL 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



www.fciconnect.com		TOLERANCES UNLESS OTHERWISE SPECIFIED		tolerance std		ISD 406 ISD 110		projection		INCH/MM	
Dr	D.WITHING	03/08/93	ANGULAR	0X	±0.3	size		A4		Scale 1:000	
Eng	THANNA	03/08/93	LINEAR	0XX	±0.15	Product family		BERGSTIK		Spec ref	
Chn	T.BREVMARKER	03/08/93	° ±°	0XXX	±0.05	Product family		BERGSTIK		ECN	
Appr	THANNA	03/08/93	Product family	BERGSTIK		Product family		BERGSTIK		Spec ref	
title		catalog no		Part no		Rev		Rev		Rev	
BERGSTIK II HEADER		.100/2.54cc DR R/A		68020		68020		68020		68020	

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PRODUCT NUMBER	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	ENGLISH METRIC	ENGLISH METRIC	ENGLISH METRIC	ENGLISH METRIC	OPTION
68020-XYX	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-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																				
UNAVAILABLE																				
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									
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																				
UNAVAILABLE																				
69186-XYX																				
72240-XYX	0.550	13.97	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS									
72261-XYX	0.100	2.54	0.100	2.54	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS									
72324-XYX	0.550	13.97	0.260	6.60	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS									
72410-XYX	0.120	3.05	0.350	8.89	0.120	3.05	0.070	1.78	0.240	6.10	POLY BAGS									
74430-XYX	0.000	0.00	0.233	5.92	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS									

www.fciconnect.com		SURFACE TOLERANCE UNLESS OTHERWISE SPECIFIED		TOLERANCE STD		ISD 1302		ISD 406		ISD 110	
www.fciconnect.com		TOLERANCES UNLESS OTHERWISE SPECIFIED		TOLERANCE STD		ISD 1302		ISD 406		ISD 110	
Dr	D.WHITING	03/08/93	ANGULAR	0X	±0.3	size	A4	Scale	1:000	projection	
Eng	THANNA	03/08/93	LINEAR	0X	±0.15	size	A4	Scale	1:000	projection	
Chr	T.BREVMARKER	03/08/93	° ±°	0XXX	±0.05	ECN		Spec ref		Product family	
Appr	THANNA	03/08/93	Product family	BERGSTIK		Spec ref		Product-Customer Draw		sheet 3 of 5	
title		catalog no		Rev		BM		Rev		BM	
BERGSTIK® II HEADER		100/2.54cc DR R/A		68020							

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REV F - 0804-07



PRODUCT NUMBER	MATING LENGTH	TAIL LENGTH	BEND DIM.	PIN TO SIDE	BODY WIDTH	LF	OPTION
78576-XXX	DIM F 3.05	DIM G 0.120	DIM H 3.05	DIM J 1.52	DIM K 0.660	DIM L 1.78	POLY BAGS
78923-XXX	DIM F 6.10	DIM G 0.095	DIM H 2.41	DIM J 1.52	DIM K 0.660	DIM L 1.78	POLY BAGS
78951-XXX	DIM F 0.500	DIM G 12.70	DIM H 3.05	DIM J 1.52	DIM K 0.660	DIM L 1.14	POLY BAGS
79200-XXX	DIM F 0.155	DIM G 5.94	DIM H 0.280	DIM J 7.11	DIM K 0.660	DIM L 1.78	POLY BAGS
79201-XXX	DIM F 0.225	DIM G 5.72	DIM H 0.280	DIM J 7.11	DIM K 0.660	DIM L 1.78	POLY BAGS
79202-XXX	DIM F 0.245	DIM G 6.22	DIM H 0.280	DIM J 7.11	DIM K 0.660	DIM L 1.78	POLY BAGS
79203-XXX	DIM F 0.315	DIM G 8.00	DIM H 0.280	DIM J 7.11	DIM K 0.660	DIM L 1.78	POLY BAGS
79204-XXX	DIM F 0.177	DIM G 4.50	DIM H 0.410	DIM J 10.41	DIM K 0.660	DIM L 1.78	POLY BAGS
79205-XXX	DIM F 0.25	DIM G 6.35	DIM H 0.410	DIM J 10.41	DIM K 0.660	DIM L 1.78	POLY BAGS
79206-XXX	DIM F 0.315	DIM G 8.00	DIM H 0.410	DIM J 10.41	DIM K 0.660	DIM L 1.78	POLY BAGS
79248-XXX			UNAVAILABLE				
79257-XXX	DIM F 0.230	DIM G 5.84	DIM H 0.120	DIM J 3.05	DIM K 0.660	DIM L 1.78	POLY BAGS/TUBES
79258-XXX	DIM F 0.318	DIM G 8.08	DIM H 0.120	DIM J 3.05	DIM K 0.660	DIM L 1.78	POLY BAGS/TUBES
79807-XXX			UNAVAILABLE				
79841-XXX	DIM F 0.060	DIM G 1.52	DIM H 0.230	DIM J 5.84	DIM K 0.660	DIM L 1.78	POLY BAGS
86385-XXX	DIM F 0.260	DIM G 6.6	DIM H 0.120	DIM J 3.05	DIM K 0.660	DIM L 1.78	POLY BAGS
86840-XXX	DIM F 0.318	DIM G 8.08	DIM H 0.230	DIM J 5.84	DIM K 0.660	DIM L 1.78	POLY BAGS
86867-XXX			UNAVAILABLE				
88822-XXX	DIM F 0.318	DIM G 8.08	DIM H 0.080	DIM J 2.03	DIM K 0.660	DIM L 1.78	POLY BAGS
89292-XXX	DIM F 0.120	DIM G 3.05	DIM H 0.300	DIM J 7.62	DIM K 0.660	DIM L 1.78	POLY BAGS
90234-XXX	DIM F 0.130	DIM G 3.30	DIM H 0.195	DIM J 4.95	DIM K 0.660	DIM L 1.78	POLY BAGS
92634-XXX	DIM F 0.318	DIM G 8.08	DIM H 0.318	DIM J 8.08	DIM K 0.660	DIM L 1.78	POLY BAGS
93162-XXX	DIM F 0.230	DIM G 5.84	DIM H 0.400	DIM J 10.16	DIM K 0.660	DIM L 1.78	POLY BAGS
93932-XXX	DIM F 0.200	DIM G 5.08	DIM H 0.120	DIM J 3.05	DIM K 0.660	DIM L 1.78	POLY BAGS
93939-XXX	DIM F 0.160	DIM G 4.06	DIM H 0.120	DIM J 3.05	DIM K 0.660	DIM L 1.78	POLY BAGS
94687-XXX	DIM F 0.430	DIM G 10.92	DIM H 0.230	DIM J 5.84	DIM K 0.660	DIM L 1.78	POLY BAGS
94688-XXX	DIM F 0.385	DIM G 9.78	DIM H 0.280	DIM J 7.11	DIM K 0.660	DIM L 1.78	POLY BAGS

NOTE 1,8

NOTE 1,8

www.fciconnect.com		SURFACE TOLERANCE UNLESS OTHERWISE SPECIFIED		TOLERANCE STD		ISD 1302		ISD 406		ISD 110		projection		INCH/MM	
Dr	D.WHITING	03/08/93	ANGULAR	LINEAR	0X	±0.3	size	A4	Scale	1.000	ECN	Spec ref	Product family	BERGSTIK	Product-Customer Draw
Chr	T.BREVMARKER	03/08/93	0° ±2°	0XXX	±0.05	ECN	Product family	BERGSTIK	Spec ref	Product-Customer Draw	sheet 4 of 5	Rev	BM	68020	Rev
Appr	THANNA	03/08/93	THANNA	Product family	BERGSTIK	Product-Customer Draw	sheet 4 of 5	Rev	BM	68020	Rev	BM	68020	Rev	BM



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REV F - 098-01-17

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www.fciconnect.com		SURFACE TOLERANCES UNLESS OTHERWISE SPECIFIED		TOLERANCE STD		ISD 406 ISD 110		projection		INCH/MM	
Dr		D.W/HTING		03/08/93		ANGULAR		0X		size A4	
Eng		THANNA		03/08/93		LINEAR		0XX ±0.15		Scale 1:000	
Chr		T.BREWMAKER		03/08/93				0XXX ±0.05		ECN	
Appr		THANNA		03/08/93		Product family		BERGSTIK		Spec ref	
title		BERGSTIK® II HEADER		100/2.54cc DR R/A		Product family		BERGSTIK		Spec ref	
catalog no						Product family		BERGSTIK		Spec ref	
Rev.		BM		68020		Product-Customer Dwg no		68020		sheet 5 of 5	



PRODUCT NUMBER	MATING LENGTH	TAIL LENGTH	BEND DIM.	PIN TO SIDE	BODY WIDTH	LF	OPTION
95035-XYH	DIM F	DIM G	DIM H	DIM J	DIM K	ENGLISH METRIC	
95182-XYH	DIM F	DIM G	DIM H	DIM J	DIM K	ENGLISH METRIC	
98358-XYH	DIM F	DIM G	DIM H	DIM J	DIM K	ENGLISH METRIC	
98359-XYH	DIM F	DIM G	DIM H	DIM J	DIM K	ENGLISH METRIC	
68020-144-095030LF	DIM F	DIM G	DIM H	DIM J	DIM K	ENGLISH METRIC	
95035-XYH	0.230	5.84	0.400	10.16	0.060	1.52	0.045
95182-XYH	0.400	10.16	0.110	2.79	0.060	1.52	0.070
98358-XYH	0.205	5.21	0.410	10.41	0.060	1.52	0.070
98359-XYH	0.275	6.99	0.410	10.41	0.060	1.52	0.070
68020-144-095030LF	.374	9.50	0.118	3.00	0.060	1.52	0.070
95035-XYH	0.230	5.84	0.400	10.16	0.060	1.52	0.045
95182-XYH	0.400	10.16	0.110	2.79	0.060	1.52	0.070
98358-XYH	0.205	5.21	0.410	10.41	0.060	1.52	0.070
98359-XYH	0.275	6.99	0.410	10.41	0.060	1.52	0.070
68020-144-095030LF	.374	9.50	0.118	3.00	0.060	1.52	0.070

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