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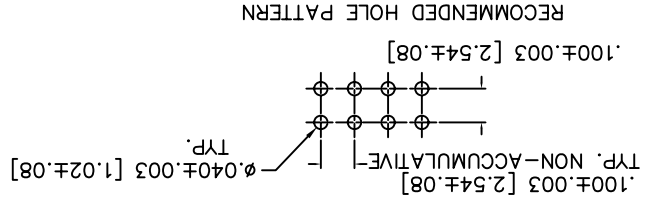


PIN PLATING CODES:

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!

- ① 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.
- 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, INFRARED 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 DCL DON'T EXCEED 31mm
DCL = 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	
surface	ISD 1302	LINEAR	0X	±0.3	projection
Dr	03/08/93	ANGULAR	0X	±0.3	size
Eng	03/08/93	THANNA	0XX	±0.15	A4
Chr	03/08/93	T.BREVMARKER	0XXX	±0.05	ECN
Appr	03/08/93	THANNA	Product family	Product family	Spec ref
title	BERGSTIK® II HEADER	Product family	Product family	Product family	Product family
catalog no	.100/2.54cc DR R/A	Product family	Product family	Product family	Product family
Rev.	68020	Product family	Product family	Product family	Product family
BM		Product family	Product family	Product family	Product family

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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		projection		INCH/MM	
Dr		D\WHITING		03/08/93		ANGULAR		LINEAR		0X		±0.3		size	
Eng		THANNA		03/08/93		0X		±0.15		A4		Scale		1,000	
Chr		T.BREVMARKER		03/08/93		0XX		±0.05		ECN		Spec ref			
Appr		THANNA		03/08/93		Product family		BERGSTIK		Product-Customer Draw		sheet 3 of 5		Rev	
title		BERGSTIK II HEADER		100/2.54cc DR R/A		catalog no		68020		Rev		BM			

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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	ENGLISH METRIC 3.05	DIM J 1.52	DIM K 1.78	POLY BAGS	OB
78923-XXX	DIM F 0.240	DIM G 6.10	ENGLISH METRIC 0.095	DIM H 2.41	DIM J 1.52	POLY BAGS	OB
78951-XXX	DIM F 0.500	DIM G 12.70	ENGLISH METRIC 0.120	DIM H 3.05	DIM J 1.52	POLY BAGS	OB
79200-XXX	DIM F 0.155	DIM G 5.94	ENGLISH METRIC 0.280	DIM H 7.11	DIM J 1.52	POLY BAGS	OB
79201-XXX	DIM F 0.225	DIM G 5.72	ENGLISH METRIC 0.280	DIM H 7.11	DIM J 1.52	POLY BAGS	OB
79202-XXX	DIM F 0.245	DIM G 6.22	ENGLISH METRIC 0.280	DIM H 7.11	DIM J 1.52	POLY BAGS	OB
79203-XXX	DIM F 0.315	DIM G 8.00	ENGLISH METRIC 0.280	DIM H 7.11	DIM J 1.52	POLY BAGS	OB
79204-XXX	DIM F 0.177	DIM G 4.50	ENGLISH METRIC 0.410	DIM H 10.41	DIM J 1.52	POLY BAGS	OB
79205-XXX	DIM F 0.25	DIM G 6.35	ENGLISH METRIC 0.410	DIM H 10.41	DIM J 1.52	POLY BAGS	OB
79206-XXX	DIM F 0.315	DIM G 8.00	ENGLISH METRIC 0.410	DIM H 10.41	DIM J 1.52	POLY BAGS	OB
79248-XXX						POLY BAGS/TUBES	OB
79257-XXX	DIM F 0.230	DIM G 5.84	ENGLISH METRIC 0.120	DIM H 3.05	DIM J 1.52	POLY BAGS/TUBES	OB
79258-XXX	DIM F 0.318	DIM G 8.08	ENGLISH METRIC 0.120	DIM H 3.05	DIM J 1.52	POLY BAGS/TUBES	OB
79807-XXX							OB
79841-XXX	DIM F 0.060	DIM G 1.52	ENGLISH METRIC 0.230	DIM H 5.84	DIM J 1.52	POLY BAGS	OB
86385-XXX	DIM F 0.260	DIM G 6.6	ENGLISH METRIC 0.120	DIM H 3.05	DIM J 1.52	POLY BAGS	OB
86840-XXX	DIM F 0.318	DIM G 8.08	ENGLISH METRIC 0.230	DIM H 5.84	DIM J 1.52	POLY BAGS	OB
86867-XXX							OB
88822-XXX	DIM F 0.318	DIM G 8.08	ENGLISH METRIC 0.080	DIM H 2.03	DIM J 1.52	POLY BAGS	OB
89292-XXX	DIM F 0.120	DIM G 3.05	ENGLISH METRIC 0.300	DIM H 7.62	DIM J 1.52	POLY BAGS	OB
90234-XXX	DIM F 0.130	DIM G 3.30	ENGLISH METRIC 0.195	DIM H 4.95	DIM J 1.52	POLY BAGS	OB
92634-XXX	DIM F 0.318	DIM G 8.08	ENGLISH METRIC 0.318	DIM H 8.08	DIM J 1.52	POLY BAGS	OB
93162-XXX	DIM F 0.230	DIM G 5.84	ENGLISH METRIC 0.400	DIM H 10.16	DIM J 1.52	POLY BAGS	OB
93932-XXX	DIM F 0.200	DIM G 5.08	ENGLISH METRIC 0.120	DIM H 3.05	DIM J 1.52	POLY BAGS	OB
93939-XXX	DIM F 0.160	DIM G 4.06	ENGLISH METRIC 0.120	DIM H 3.05	DIM J 1.52	POLY BAGS	OB
94687-XXX	DIM F 0.430	DIM G 10.92	ENGLISH METRIC 0.230	DIM H 5.84	DIM J 1.52	POLY BAGS	OB
94688-XXX	DIM F 0.385	DIM G 9.78	ENGLISH METRIC 0.280	DIM H 7.11	DIM J 1.52	POLY BAGS	OB

NOTE 1,8

NOTE 1,8

www.fciconnect.com		SURFACE TOLERANCE STD ISD 1302		TOLERANCES UNLESS OTHERWISE SPECIFIED	
www.fciconnect.com		SURFACE TOLERANCE STD ISD 1302		TOLERANCES UNLESS OTHERWISE SPECIFIED	
Dr	D.W/HTING	03/08/93	ANGULAR	LINEAR	0X ±0.3
Eng	THANNA	03/08/93	ANGULAR	LINEAR	0XX ±0.15
Chr	T.BREVMAKER	03/08/93	0° ±2°		0XXX ±0.05
Appr	THANNA	03/08/93			
Product family		Product family		Product family	
BERGSTIK		BERGSTIK		BERGSTIK	
Product-Customer Draw	Product-Customer Draw	Product-Customer Draw	Product-Customer Draw	Product-Customer Draw	Product-Customer Draw
68020	68020	68020	68020	68020	68020
Rev.	Rev.	Rev.	Rev.	Rev.	Rev.
BM	BM	BM	BM	BM	BM

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PRODUCT NUMBER	MATING LENGTH	TAIL LENGTH	BEND DIM.	PIN TO SIDE	BODY WIDTH									
95035-XYH	0.230	5.84	0.400	10.16	0.060	1.52	0.045	1.14	0.190	4.83	-	-	-	-
95182-XYH	0.400	10.16	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	-	-	-	-
98358-XYH	0.205	5.21	0.410	10.41	0.060	1.52	0.070	1.78	0.240	6.10	-	-	-	-
98359-XYH	0.275	6.99	0.410	10.41	0.060	1.52	0.070	1.78	0.240	6.10	-	-	-	-
68020-144-095030LF	.374	9.50	0.118	3.00	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS			

LF	OPTION	ENGLISH METRIC	ENGLISH METRIC	ENGLISH METRIC	ENGLISH METRIC	ENGLISH METRIC	ENGLISH METRIC	ENGLISH METRIC	ENGLISH METRIC	ENGLISH METRIC	ENGLISH METRIC	ENGLISH METRIC	ENGLISH METRIC	ENGLISH METRIC
OB	OB	OB	OB	OB	OB	OB	OB	OB	OB	OB	OB	OB	OB	OB
		POLY BAGS	POLY BAGS	POLY BAGS	POLY BAGS	POLY BAGS	POLY BAGS	POLY BAGS	POLY BAGS	POLY BAGS	POLY BAGS	POLY BAGS	POLY BAGS	POLY BAGS

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www.fciconnect.com	Surface ISD 1302		TOLERANCES UNLESS OTHERWISE SPECIFIED		tolerance std ISD 406 ISD 110		projection		INCH/MM		Scale 1:000	
Dr D.W/HTING 03/08/93			ANGULAR		LINEAR		size A4		ECN		Product family BERGSTIK	
Eng THANNA 03/08/93			0X ±0.3		0XX ±0.15		0XX ±0.05		Spec ref		Product-Customer Dwg no	
Chr T.BREVMAKER 03/08/93			0 ±2°		0XXX ±0.05		Product family BERGSTIK		Title		68020	
Appr THANNA 03/08/93			03/08/93		03/08/93		Product family BERGSTIK		Title		68020	

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