

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	50u"/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, 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 DAL DON'T EXCEED 31mm

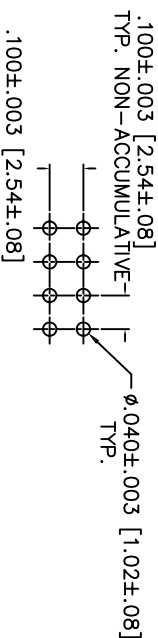
DAL = MATTING DIM + TAIL DIM + 4.0mm ≤ 31mm *WHERE THE SUM OF TAIL LEGTH DON'T EXCEED 27mm *TAIL TAIL LENGTH MIN 2.00mm TAIL LENGTH MAX 10.4mm MATTING LENGTH MIN 1.5mm MATTING LENGTH MAX 25.4mm

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

RECOMMENDED HOLE PATTERN

www.fciconnect.com				surface	tolerance std	projection		INCH/MM	
Dr	DWHTING	03/08/93	ANGULAR	ISO 1302	ISO 406 ISO 1101	size	A4	Scale	1.000
Eng	THANNA	03/08/93	LINEAR	TOLERANCES UNLESS OTHERWISE SPECIFIED		size	A4	Scale	1.000
Chr	T.BREVNAKER	03/08/93	0° ±2°	0XX	±0.05	ECN			
Appr	THANNA	03/08/93	Product family	BERGSTIK	Spec ref				
FCI BERGSTIK® II HEADER				100/2.54cc DR R/A	2	68020	Rev.		
catalog no					Product-Customer Drw	Sheet 2 of 5	BM		



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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		
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC		
68020-XXY	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-XXY	0.230	5.84	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68022-XXY	0.318	8.08	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
68025-XXY	0.230	5.84	0.195	4.95	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68405-XXY	0.230	5.84	0.095	2.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	NOTE 1,8
68452-XXY	0.380	9.65	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
68459-XXY	0.318	8.08	0.150	3.81	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS/TUBES	
68462-XXY	0.400	10.16	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68463-XXY	0.230	5.84	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	NOTE 1,8
68480-XXY	0.318	8.08	0.110	2.79	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68492-XXY	0.230	5.84	0.150	3.81	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
68493-XXY												
68695-XXY	0.230	5.84	0.090	2.29	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	NOTE 1,8
68696-XXY	0.318	8.08	0.125	3.18	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68697-XXY	0.230	5.84	0.125	3.18	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68715-XXY	0.138	3.51	0.138	3.51	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68728-XXY												NOTE 1,8
68740-XXY	0.345	8.76	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
68759-XXY	0.275	6.99	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68780-XXY	0.230	5.84	0.039	0.99	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
69147-XXY	0.540	13.72	0.260	6.60	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	NOTE 1,8
69186-XXY												
72240-XXXX	0.560	13.97	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
72261-XXXX	0.100	2.54	0.100	2.54	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
72324-XXXX	0.560	13.97	0.260	6.60	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	NOTE 1,8
72410-XXXX	0.120	3.05	0.350	8.89	0.120	3.05	0.070	1.78	0.240	6.10	POLY BAGS	
74430-XXXX	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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www.fciconnect.com		Surface ISD 1302		tolerance std ISD 406 ISD 1101		projection		INCH/MM	
TOLERANCES UNLESS OTHERWISE SPECIFIED		ANGULAR		LINEAR		size		Scale	
Dr DIVIDING		03/08/93		0.0X		±0.3		A4	
Eng THAWNA		03/08/93		0.0X		±0.15		1:1000	
Chr TBREUNAKER		03/08/93		0.0X		±0.05		ECN	
Appr THAWNA		03/08/93		Product family		BERGSTIK		Spec ref	
FCI logo		BERGSTIK II HEADER		100/254cc DR R/A		68020		Rev. BM	
catalog no		Product-Customer Drw		Sheet 3 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 K	DIM K	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	
78576-XXX	0.120	3.05	0.120	3.05	0.060	1.52	0.070	1.78	0.240	-POLY BAGS
78923-XXX	0.240	6.10	0.095	2.41	0.060	1.52	0.070	1.78	0.240	-POLY BAGS
78951-XXX	0.500	12.70	0.120	3.05	0.060	1.52	0.045	1.14	0.190	-POLY BAGS
79200-XXX	0.155	3.94	0.280	7.11	0.060	1.52	0.070	1.78	0.240	-POLY BAGS
79201-XXX	0.225	5.72	0.280	7.11	0.060	1.52	0.070	1.78	0.240	-POLY BAGS
79202-XXX	0.245	6.22	0.280	7.11	0.060	1.52	0.070	1.78	0.240	-POLY BAGS
79203-XXX	0.315	8.00	0.280	7.11	0.060	1.52	0.070	1.78	0.240	-POLY BAGS
79204-XXX	0.177	4.50	0.410	10.41	0.060	1.52	0.070	1.78	0.240	-POLY BAGS
79205-XXX	0.25	6.35	0.410	10.41	0.060	1.52	0.070	1.78	0.240	-POLY BAGS
79206-XXX	0.315	8.00	0.410	10.41	0.060	1.52	0.070	1.78	0.240	-POLY BAGS
79248-XXX										
79257-XXX	0.230	5.84	0.120	3.05	0.060	1.52	0.070	1.78	0.240	POLY BAGS/TUBES
79258-XXX	0.318	8.08	0.120	3.05	0.060	1.52	0.070	1.78	0.240	POLY BAGS/TUBES
79807-XXX										
79841-XXX	0.060	1.52	0.230	5.84	0.060	1.52	0.045	1.14	0.190	-POLY BAGS
86385-XXX	0.260	6.6	0.120	3.05	0.060	1.52	0.070	1.78	0.240	-POLY BAGS
86840-XXX	0.318	8.08	0.230	5.84	0.060	1.52	0.070	1.78	0.240	POLY BAGS
86867-XXX										
88822-XXX	0.318	8.08	0.080	2.03	0.060	1.52	0.070	1.78	0.240	-POLY BAGS
89292-XXX	0.120	3.05	0.300	7.62	0.120	3.05	0.045	1.14	0.190	-POLY BAGS
90234-XXX	0.130	3.30	0.195	4.95	0.060	1.52	0.045	1.14	0.190	-POLY BAGS
92634-XXX	0.318	8.08	0.318	8.08	0.060	1.52	0.045	1.14	0.190	POLY BAGS
93162-XXX	0.230	5.84	0.400	10.16	0.150	3.81	0.045	1.14	0.190	-POLY BAGS
93932-XXX	0.200	5.08	0.120	3.05	0.060	1.52	0.070	1.78	0.240	-POLY BAGS
93939-XXX	0.160	4.06	0.120	3.05	0.060	1.52	0.070	1.78	0.240	POLY BAGS
94687-XXX	0.430	10.92	0.230	5.84	0.060	1.52	0.045	1.14	0.190	-POLY BAGS
94688-XXX	0.385	9.78	0.280	7.11	0.060	1.52	0.070	1.78	0.240	-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		ANGULAR		LINEAR		size		Scale	
Dw	DWHTING	03/08/93	03/08/93	03/08/93	03/08/93	03/08/93	03/08/93	03/08/93	03/08/93
Eng	TREVNAKER	03/08/93	03/08/93	03/08/93	03/08/93	03/08/93	03/08/93	03/08/93	03/08/93
Appr	THANNA	03/08/93	03/08/93	03/08/93	03/08/93	03/08/93	03/08/93	03/08/93	03/08/93
BERGSTIK® II HEADER		100/254cc DR R/A		Product family		BERGSTIK		Spec ref	
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PRODUCT NUMBER	MATING		LENGTH		TAIL LENGTH		BEND DIM.		PIN TO SIDE		BODY WIDTH					
	DIM F	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	DIM J	DIM J	DIM K	DIM K		LF			
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	OPTION			
95035-XXXX	0.230	5.84	0.400	10.16	0.060	1.52	0.045	1.14	0.190	4.83	—	—	POLY BAGS	OB		
95182-XXXX	0.400	10.16	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	—	—	POLY BAGS	OB		
98358-XXXX	0.205	5.21	0.410	10.44	0.060	1.52	0.070	1.78	0.240	6.10	—	—	POLY BAGS	OB		
98359-XXXX	0.275	6.99	0.410	10.44	0.060	1.52	0.070	1.78	0.240	6.10	—	—	POLY BAGS	OB		
68020-144-095030LF	.374	9.50	0.118	3.00	0.060	1.52	0.070	1.78	0.240	6.10			POLY BAGS			



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www.fciconnect.com		surface		tolerance std		projection		INCH/MM	
ISD 1302		ISD 406		ISD 1101		projection		INCH/MM	
TOLERANCES UNLESS OTHERWISE SPECIFIED		TOLERANCES UNLESS OTHERWISE SPECIFIED		TOLERANCES UNLESS OTHERWISE SPECIFIED		TOLERANCES UNLESS OTHERWISE SPECIFIED		TOLERANCES UNLESS OTHERWISE SPECIFIED	
Dr	DWHTING	03/08/93	ANGULAR	0.0	±0.3	size	A4	Scale	1,000
Eng	THANNA	03/08/93	LINEAR	0.0	±0.15	ECN			
Chr	TREVNAKER	03/08/93	0	±2	±0.05	Product family	BERGSTIK	Spec ref	
Appr	THANNA	03/08/93	Product family	BERGSTIK	Spec ref				
FCI logo		BERGSTIK® II HEADER		100/254cc DR R/A		Product-Customer Drw		Sheet 5 of 5	
catalog no		68020		Rev. BM					