

4

D

dwg no	68020	Re B
Product-Customer Draw	sheet 1 of 5	

4

PIN PLATING CODES:

XXXX-1YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-2YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-3YY	50u"/1.27u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 10)
XXXX-4YYHLF	
XXXX-5YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-6YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-7YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-8YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-9YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXX-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-YYY-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 PDS. N X .100/2.54.100±.003 [2.54±.08]
TYP. NON-ACCUMULATIVE
Ø.040±.003 [1.02±.08]
TYP.

.100±.003 [2.54±.08]

RECOMMENDED HOLE PATTERN

www.fciconnect.com			surface ISO 1302 ✓	tolerance std ISO 406 ISO 1101	projection A4	INCH/MM
TOLERANCES UNLESS OTHERWISE SPECIFIED			size			
Dr	D.WIHTING	03/08/93	ANGULAR	0.X	±0.3	Scale 1.000
Eng	T.HANNA	03/08/93	LINEAR	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 .100/2.54cc DR R/A		Rev. BM
catalog no			q dwg	68020		Product-Customer Drw sheet 2 of 5





Copyright FCI

A

B

C

D

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		
68020-YYY	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-YYY	0.230	5.84	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68022-YYY	0.318	8.08	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
68025-YYY	0.230	5.84	0.195	4.95	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68405-YYY	0.230	5.84	0.095	2.41	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
68452-YYY	0.380	9.65	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
68459-YYY	0.318	8.08	0.150	3.81	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS/TUBES	
68462-YYY	0.400	10.16	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68463-YYY	0.230	5.84	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
68480-YYY	0.318	8.08	0.110	2.79	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68492-YYY	0.230	5.84	0.150	3.81	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
68493-YYY				UNAVAILABLE								
68695-YYY	0.230	5.84	0.090	2.29	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68696-YYY	0.318	8.08	0.125	3.18	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68697-YYY	0.230	5.84	0.125	3.18	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68715-YYY	0.138	3.51	0.138	3.51	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68728-YYY				UNAVAILABLE								
68740-YYY	0.345	8.76	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
68759-YYY	0.275	6.99	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
68780-YYY	0.230	5.84	0.039	0.99	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
69147-YYY	0.540	13.72	0.260	6.60	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
69186-YYY				UNAVAILABLE								NOTE 1,8
72240-YYYH	0.550	13.97	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
72261-YYYH	0.100	2.54	0.100	2.54	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	
72324-YYYH	0.550	13.97	0.260	6.60	0.060	1.52	0.070	1.78	0.240	6.10	POLY BAGS	
72410-YYYH	0.120	3.05	0.350	8.89	0.120	3.05	0.070	1.78	0.240	6.10	POLY BAGS	
74430-YYYH	0.000	0.00	0.233	5.92	0.060	1.52	0.045	1.14	0.190	4.83	POLY BAGS	

A

B

C

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
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	
			Product family			Spec ref	
			title			68020	
			BERGSTIK® II HEADER				
			.100/2.54cc DR R/A				
			catalog no				
						Rev. BM	
						Product-Customer Drw	
						sheet 3 of 5	

1

2

3

4

PRODUCT NUMBER	MATING LENGTH	TAIL LENGTH	BEND DIM.	PIN TO SIDE	BODY WIDTH		LF					
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	DIM J	DIM J	DIM K	DIM K	PACKAGING	OPTION
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC		
95035-XYH	0.230	5.84	0.400	10.16	0.060	1.52	0.045	1.14	0.190	4.83	-POLY BAGS-	OB
95182-XYH	0.400	10.16	0.110	2.79	0.060	1.52	0.070	1.78	0.240	6.10	-POLY BAGS-	OB
98358-XYH	0.205	5.21	0.410	10.41	0.060	1.52	0.070	1.78	0.240	6.10	-POLY BAGS-	OB
98359-XYH	0.275	6.99	0.410	10.41	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	

FCI

Copyright FCI.

www.fciconnect.com

surface
ISO 1302 ✓

tolerance std
ISO 406 ISO 1101

projection
A4

INCH/MM

size

Scale
1.000

ECN

Spec ref

title
BERGSTIK® II HEADER
.100/2.54cc DR R/A

cat no

Product family
BERGSTIK

Product-Customer Drw

sheet 5 of 5

Rev.
BM

1

2

3

4

PDS: Rev :BM

STATUS:Released

Printed: Apr 09, 2015