



PIN PLATING CODES:	
XXXXXX-1YY	30u"/0.76u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN NI
XXXXXX-2YY	15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN NI
XXXXXX-3YY	50u"/1.27u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN NI
XXXXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN NI (SEE NOTE 14)
XXXXXX-4YYH1F	
XXXXXX-5YY	15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN NI
XXXXXX-6YY	30u"/0.76u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN NI
XXXXXX-7YY	30u"/0.76u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN NI
XXXXXX-8YY	15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN NI
XXXXXX-9YY	15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN NI
XXXXXX-0YY	30u"/0.76u MIN (SEE NOTE 13) 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 POSITIONS :

ANY NUMBER OF POSITIONS FROM 1 THRU 36. -X00H INDICATES BERGSTRIIP PRODUCT. SEE PAGE 3 FOR SPECIAL GEOMETRY OF THIS CONTINUOUS STRIP PRODUCT.

AUTOMATED REELS WILL CONTAIN 36,000 PINS.

SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.

PACKAGING :

NO INDICATOR IS STANDARD PACKAGING IN POLY BAGS.

EIGHT DIGIT PART NUMBERS FOLLOWED BY A "T" ARE PACKAGED

IN TUBES. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.

EIGHT DIGIT PART NUMBERS FOLLOWED BY A "C" ARE PACKAGED IN TUBES WITH PICKUP CAP APPLIED. (NOT TIDLED)

BERGSTRIIP Part NUMBERS FOLLOWED BY

A "B" ARE BULK PRICED.

EIGHT DIGIT PART NUMBERS FOLLOWED BY A "A" ARE PACKAGED

IN TAPE AND REEL WITH PICKUP CAP APPLIED.

LEAD FREE :

ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE

2.

BODY MATERIAL :

BERGSTRIIP: MANUFACTURER'S OPTION OF NYLON, PCT GLASS FIBER REINFORCED, OR LCP MINERAL FILLED

FLAME RETARDENT PER UL-94V-0.

COLOR : BLACK

BERGSTRIIP : PRODUCED WITH HIGH TEMPERATURE LCP THERMOPLASTIC. FLAME RETARDENT 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.

		title		catalog no		CUSTOMER		sheet 2 of 8	
Appr		THANNA		01/05/95		BERGSTRIIP II HEADER		68000	
Cmr		JIMURPHY		01/05/95		Product family		Spec ref	
Eng		THANNA		01/05/95		ANGULAR		ECN	
Dlr		T.BREWBAKER		01/05/95		LINEAR		A4	
						TOLERANCES UNLESS OTHERWISE SPECIFIED		size	
						surface		100	
						tolerance std		A4	
						ISD 1302		Scale	
						projection		1.000	
						INCH/MM		Rev.	
						DC			

19. 68000-406160035ALF IS SPECIAL PART NUMBER, IT IS 6PIN, MATING LENGTH IS 16mm. TAIL LENGTH IS 3.5mm. AND PACKAGE IS TAPE AND REEL AND NO CAP.

18. TO DETERMINE DIMENSIONS: N=NUMBER OF POSITION PER ROW EXAMPLE: 10 POS. N X .100/2.54

17. FOR SPECIAL PACKAGING REQUEST PLEASE CONTACT PRODUCT MANAGER FOR AVAILABILITY

16. INCREMENTS BY 0.1mm IN LENGTHS ONLY

15. THE DAL DON'T EXCEED 34.5mm

14. THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS.

13. PLATING OPTIONS: PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL. OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.

12. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

11. NOTCH CONFIGURATION WILL VARY PER VENDOR'S DISCRETION.

10. INDICATED PART NUMBERS ARE PRODUCED AND SOLD IN THE TAIWAN/SINGAPORE AREAS. THESE ARE NOT AVAILABLE IN BERGSTRIIP CONTINUOUS STRIP.

9. ±0.10/0.25 TOL APPLIES TO ALL "G" TAILS EXCEPT INDICATED PARTS ON TABLE WHERE +0.10/0.25 - .000/0.00 APPLIES.

8. MILITARY BERGSTRIIP HEADER P/N XXXXX-XY-MIL.

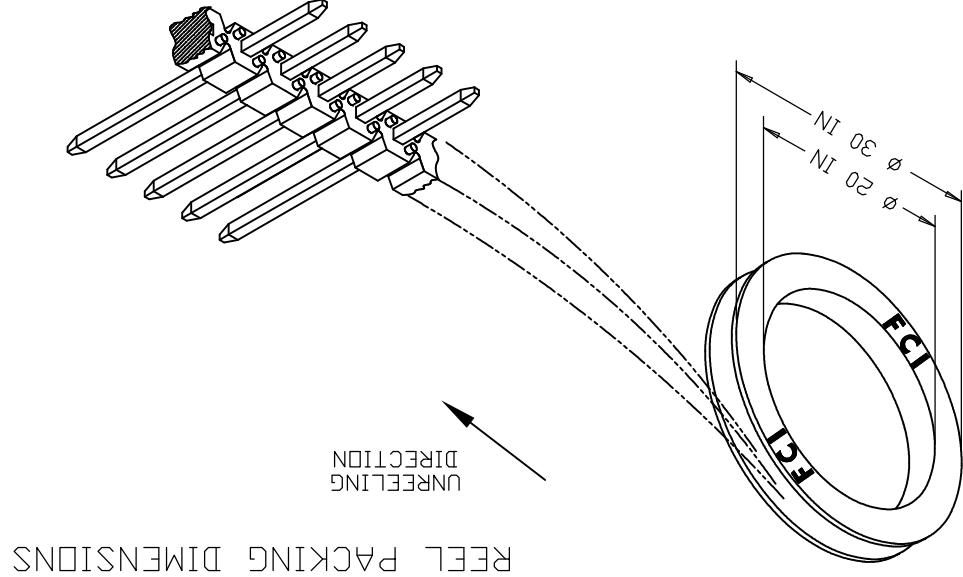
7. PIN CANNOT PROTRUDE PAST EDGE OF HOUSING. MUST BE .005±.005/.13±.13 FROM END OF HOUSING HOLE.

6. 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.

5. TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS.

4. MEASURED WITH PART IN RESTRAINED CONDITION.

3. PIN MATERIAL : PHOS-BRONZE.

[illegible]

[illegible]

		title BERGSTIK® II HEADER .100/2.54cc SR STRAIGHT		catalog no		CUSTOMER		sheet 5 of 8	
Appr T.HANNA		01/05/95		Product family BERGSTIK		Spec ref		Rev. DC	
Chf J.MURPHY		01/05/95		01/05/95		ECN		68000	
Eng T.HANNA		01/05/95		ANGULAR		0.15 0.05		A4	
Dr T.BREWBAKER		01/05/95		LINEAR		0.0 0.05		Scale 1.000	
www.fccconnect.com		TOLERANCES UNLESS OTHERWISE SPECIFIED		SURFACE ISO 1302		TOLERANCE STD ISO 406 ISO 110		projection 	
								INCH/MM	

[illegible]

www.fciconnect.com		surface ISO 1302		tolerance std ISO 406 ISO 110		 projection		 Scale 1.000	
Dr	T.BREWBAKER	01/05/95	ANGULAR	0.0	±0.3	size	A4	ECN	
Eng	T.HANNA	01/05/95	LINEAR	0.0X	±0.15				
Chr	J.MURPHY	01/05/95		0.0XX	±0.05				
Appr	T.HANNA	01/05/95	Product family	BERGSTIK		Spec ref			
title		BERGSTIK II HEADER		dwg no		68000		Rev.	
part no		100/2.54cc SR STRAIGHT		CUSTOMER		sheet 6 of 8			



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PRODUCT NUMBER	TOTAL PIN LGTH	ENGLISH METRIC	ENGLISH METRIC	ENGLISH METRIC	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	MATING LENGTH	BERGSTRIPTM
84918-XYH	0.340	8.64	0.120	3.05	0.120	3.05	0.120	3.05	POLY-BAGS	YES	OB	LF OPTION
84921-XYH	0.370	9.40	0.150	3.81	0.120	3.05	0.120	3.05	POLY-BAGS	YES	OB	
86506-XYH	0.440	11.18	0.120	3.05	0.220	5.59	0.220	5.59	POLY-BAGS	YES	OB	
86579-XYH	0.450	11.43	0.120	3.05	0.230	5.84	0.230	5.84	POLY-BAGS	NO	OB	
86634-XYH		NOT AVAILABLE								—		
86635-XYH		NOT AVAILABLE								—		
86636-XYH		NOT AVAILABLE								—		
86637-XYH		NOT AVAILABLE								—		
86638-XYH		NOT AVAILABLE								—		
86793-XYH	0.900	22.86	0.100	2.54	0.700	17.78	0.700	17.78	POLY-BAGS	NOTE 10	NO	
86899-XYH	1.020	25.91	0.120	3.05	0.800	20.32	0.800	20.32	POLY-BAGS	NO	OB	NOTE 1,12
87185-XYH	1.238	31.45	0.095	2.41	1.043	26.49	1.043	26.49	POLY BAGS	NOTE 10	NO	
87204-XYH	0.895	22.73	0.120	3.05	0.675	17.15	0.675	17.15	POLY-BAGS	NO	OB	
87241-XYH	1.000	25.40	0.120	3.05	0.780	19.81	0.780	19.81	POLY-BAGS	NO	OB	
87502-XYH	1.130	28.70	0.110	2.79	0.920	23.37	0.920	23.37	POLY-BAGS	NO	OB	
87827-XYH	0.380	9.65	0.120	3.05	0.160	4.06	0.160	4.06	POLY BAGS	—	NO	
87916-XYH	1.058	26.87	0.128	3.25	0.830	21.08	0.830	21.08	POLY BAGS	—	NO	
88005-XYH	0.536	13.61	0.095	2.41	0.341	8.66	0.341	8.66	POLY-BAGS	NOTE 10	NO	
88706-XYH	0.900	22.86	0.100	2.54	0.700	17.78	0.700	17.78	POLY-BAGS	—	NO	
89232-XYH	0.325	8.26	0.000	0.00	0.230	5.84	0.230	5.84	POLY-BAGS	NOTE 7	NO	

www.fciconnect.com		surface ISD 1302		tolerance std ISD 406 ISD 110		projection		INCH/MM	
Dr		T.BREWBAKER		01/05/95		ANGULAR		LINEAR	
Eng		THANNA		01/05/95		0° ±2°		0.0XX ±0.05	
Chr		J.MURPHY		01/05/95		0.0XX ±0.05		ECN	
Appr		THANNA		01/05/95		Product family		BERGSTIK	
title		BERGSTIK II HEADER		.100/2.54cc SR STRAIGHT		dwg no		68000	
Rev.		DC		Spec ref		CUSTOMER		sheet 7 of 8	

D

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