

PIN PLATING CODES:	
XXXXX-1YY	30u"/0.76u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXXX-2YY	15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXXX-3YY	50u"/1.27u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 14)
XXXXX-4YYHLF	
XXXXX-5YY	15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXXX-6YY	30u"/0.76u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXXX-7YY	30u"/0.76u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXXX-8YY	15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXXX-9YY	15u"/0.38u MIN (SEE NOTE 13) OVER 50u"/1.27u MIN Ni
XXXXX-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 GEMETRY OF THIS CONTINUOUS STRIP PRODUCT. AUTOMATED REELS WILL CONTAIN 36,000 PINS. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.

PACKAGING :

NONE =POLY BAGS WITHOUT PICK UP CAP

T =PACKAGED IN TUBES

C =PACKAGED IN TUBE WITH PICK UP CAP

A =PACKAGED IN TAPE AND REEL WITH PICK UP CAP

D =PACKAGED IN TAPE AND REEL WITHOUT PICK UP CAP

E =PACKAGED IN TAPE AND REEL WITH NARROW PICK UP CAP

BERGSTRIIP™ PART NUMBERS FOLLOWED BY A "B" ARE BULK PRICED.

LEAD FREE :

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

ADDITIONAL CODE :

NONE = GENERAL TAIL LENGTH AND MATING LENGTH

R = REVERSE THE TAIL LENGTH AND MATING LENGTH

2. BODY MATERIAL :

BERGSTIK: 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.

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

8. MILITARY BERGSTIK HEADER

P/N XXXX-XY-Y-MIL.

NOT AVAILABLE.

9. ±.010/0.25 TOL APPLIES TO ALL "G" TAILS EXCEPT INDICATED PARTS ON TABLE WHERE +.010/0.25 -.000/0.00 APPLIES.

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

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

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

13. PLATING OPTIONS:

PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL, OPTIONALLY <78~295u"/2~7.5u> TIN ON TAIL.

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

15. THE TOTAL PIN LGTH DON'T EXCEED 34.5mm

16. INCREMENTS BY 0.1mm IN LENGTHS ONLY

17. THE TOTAL PIN LGTH <10mm OR >37mm PRODUCT HAS TIN PLATING OR GOLD PLATING OVER ALL. THE OTHERS HAS GOLD OR TIN PLATING ON CONTACT AREA AND TIN PLATING ON TAIL.

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

19. TO DETERMINE DIMENSIONS:

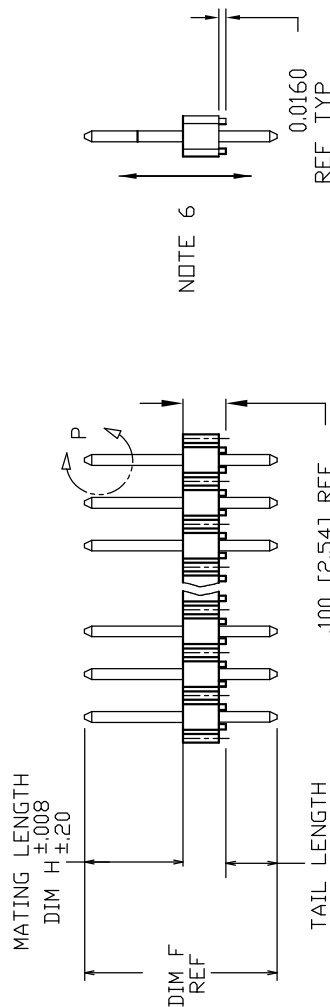
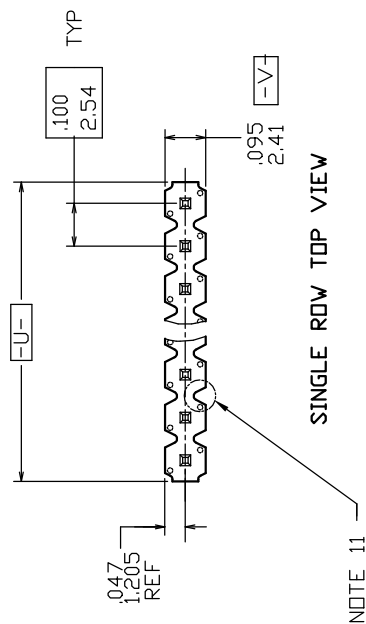
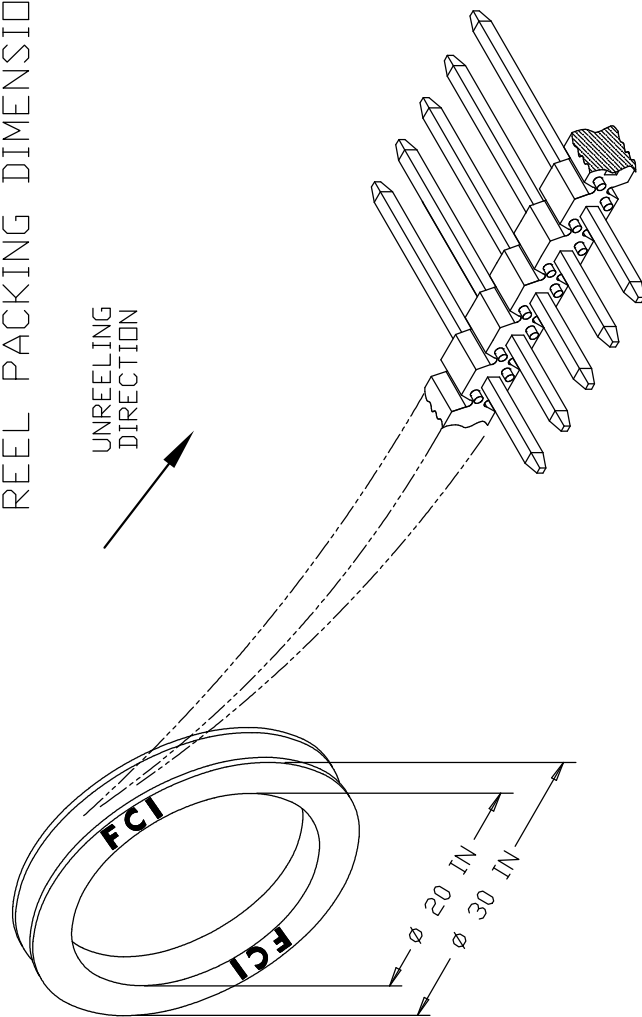
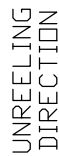
N=NUMBER OF POSITION PER ROW

EXAMPLE: 10 PDS. N X .100/2.54, REFERENCE DIMENSION

20. 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.

mat'l. code NOTES 2 & 3		surface ISO 1302	tolerance ISO 406 ISO 101	projection	product family
ltr	ecn	no	dr	date	tolerances unless otherwise specified
DF					
			angles	linear	.XX±01/.X±3
					.XXX±0.006/.XX±.15
			0°±2'		.XXX±0.002/.XXX±.005
			dr	T.BREWBAKER	01/05/95
			engr	T.HANNA	01/05/95
			chr	J.MURPHY	01/05/95
			appt	T.HANNA	01/05/95
sheet	revision				
index	sheet				
title		BERGSTIK® II HEADER		product family	
		.100/2.54cc SR STRAIGHT		BERGSTIK	
dwg no		sheet 2 of 8		size	
		68000		A3	
type		Product Customer		Drawing	



mat'l. code NOTES 2 & 3		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK	
(tr ecn no dr date		tolerances unless otherwise specified		.XX±0/.X±3 .XX±0.006/.XX±.15 .XX±0.0002/.XX±.005		INCH/MM 		title BERGSTIK® II HEADER .100/2.54cc SR STRAIGHT	
IDF		angles		linear		scale 1:1			
		0°±2'							
		dr T.BREWBAKER		01/05/95		dwg no		sheet 3 of 8 size	
		enrg T.HANNA		01/05/95		Amphenol FCi		68000	
		chr J.MURPHY		01/05/95		type Product Customer		A3	
		appd T.HANNA		01/05/95		Drawing			
sheet revision									
index sheet									

1										2										3										4										5										6									
PRODUCT NUMBER		TOTAL PIN LGTH		TAIL LENGTH		MATING LENGTH		BERGSTRIPTM AVAILABLE		LF OPTION																																																	
		DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	NOTES																																																			
		ENGLISH METRIC		ENGLISH METRIC		ENGLISH METRIC		PACKAGING																																																			
68629-XXY		0.621	15.77	0.203	5.16	0.318	8.08	POLY BAGS		NO																																																	
68630-XXY		0.603	15.32	0.273	6.93	0.230	5.84	POLY BAGS		NO																																																	
68631-XXY		0.703	17.86	0.203	5.16	0.400	10.16	POLY BAGS		NO																																																	
68632-XXY		0.743	18.87	0.413	10.49	0.230	5.84	POLY BAGS		NO																																																	
68633-XXY		0.643	16.33	0.225	5.72	0.318	8.08	POLY BAGS		NO																																																	
68634-XXY		1.013	25.73	0.683	17.35	0.230	5.84	POLY BAGS		NO																																																	
68642-XXY		0.913	23.19	0.583	14.81	0.230	5.84	POLY BAGS		NO																																																	
68652-XXY		1.470	37.34	0.670	17.02	0.700	17.78	POLY BAGS		NO																																																	
68653-XXY		0.735	18.67	0.095	2.41	0.540	13.72	POLY BAGS		NO																																																	
68654-XXY		1.050	26.67	0.670	17.02	0.280	7.11	POLY BAGS		NO																																																	
68655-XXY		0.708	17.98	0.290	7.37	0.318	8.08	POLY BAGS		NO																																																	
68656-XXY		1.113	28.27	0.613	15.57	0.400	10.16	POLY BAGS		NO																																																	
68657-XXY		0.588	14.94	0.368	9.35	0.120	3.05	POLY BAGS		NO																																																	
68658-XXY		0.820	20.83	0.130	3.30	0.590	14.99	POLY BAGS		NO																																																	
68659-XXY		0.608	15.44	0.398	10.11	0.110	2.79	POLY BAGS		NO																																																	
68686-XXY		1.016	25.81	0.458	11.63	0.458	11.63	POLY BAGS		NO																																																	
68689-XXY		0.913	23.19	0.213	5.41	0.600	15.24	POLY BAGS		NO																																																	
68705-XXY		0.395	10.03	0.095	2.41	0.200	5.08	POLY BAGS		NO																																																	
68717-XXY		0.615	15.62	0.285	7.24	0.230	5.84	POLY BAGS		NO																																																	
68730-XXY		0.555	14.10	0.225	5.72	0.230	5.84	POLY BAGS		NO																																																	
68731-XXY		0.880	22.35	0.440	11.18	0.340	8.64	POLY BAGS		NO																																																	
68735-XXY		1.016	25.81	0.520	13.21	0.396	10.06	POLY BAGS		NO																																																	
68755-XXY		1.166	29.62	0.533	13.54	0.533	13.54	POLY BAGS		NO																																																	
68760-XXY		0.803	20.40	0.353	8.97	0.350	8.89	POLY BAGS		NO																																																	
68762-XXY		0.588	14.94	0.213	5.41	0.275	6.99	POLY BAGS		NO																																																	
68771-XXY		0.470	11.94	0.100	2.54	0.270	6.86	POLY BAGS		NO																																																	
68781-XXY		0.691	17.55	0.273	6.93	0.318	8.08	POLY BAGS		NO																																																	
										NOTE 1,12																																																	
										OB																																																	

mat'l. code NOTES 2 & 3	tr	ecrn no	dr	date	surface		tolerance ISO 1302 ✓ ISO 406 ISO 1101	projection	product family BERGSTIK
					ISO 1302	ISO 406			
DF					tolerances unless otherwise specified				
					angles	linear	XX40/XX43 XX41006/XX415 XX4140062/XX41065		
					0±2°			INCH/MM ↔	title BERGSTIK® II HEADER .100/2.54cc SR STRAIGHT
					dr	T.BREV/BAKER	01/05/95	scale 1:1	dwg no sheet 6 of 8 size
					engr	T.HANNA	01/05/95		68000 A3
					chr	J.MURPHY	01/05/95		type Product Customer
					ppd	T.HANNA	01/05/95		Drawing
sheet index	revision								
	sheet								

PRODUCT NUMBER	TOTAL PIN LGTH		TAIL LENGTH		MATING LENGTH		BERGSTRIIP		LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	AVAILABLE		
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	PACKAGING	NOTES	
90522-XYX	0.668	16.97	0.135	3.43	0.433	11.00	POLY BAGS	NOTE 10	OB
90547-XYX	0.508	12.90	0.095	2.41	0.313	7.95	POLY BAGS	NOTE 10	OB
90719-XYX	0.384	9.75	0.106	2.69	0.178	4.52	POLY BAGS	-	OB
90726-XYX	0.440	11.18	0.110	2.79	0.230	5.84	POLY BAGS	-	OB
91276-XYX	1.225	31.12	0.225	5.72	0.900	22.86	POLY BAGS	-	OB
92020-XYX	0.372	9.45	0.094	2.39	0.178	4.52	POLY BAGS	-	OB
92418-XYX	0.572	14.53	0.118	3.00	0.354	8.99	POLY BAGS	-	OB
93167-XYX	0.394	10.01	0.059	1.50	0.235	5.97	POLY BAGS	-	OB
93287-XYXH	0.585	14.86	0.085	2.16	0.400	10.16	POLY BAGS	-	OB
93944-XYX	0.941	23.90	0.130	3.30	0.711	18.06	POLY BAGS	-	OB
93992-XYXH	0.415	10.54	0.085	2.16	0.230	5.84	POLY BAGS	-	OB
94063-XYX	0.376	9.55	0.138	3.51	0.138	3.51	POLY BAGS	NOTE 10	OB
94094-XYX	0.592	15.04	0.314	7.98	0.178	4.52	POLY BAGS	-	OB
94544-XYX	0.550	13.97	0.130	3.30	0.330	8.38	POLY BAGS	NOTE 10	OB
94611-XYXH	0.320	8.13	0.095	2.41	0.125	3.18	POLY BAGS	-	OB
95017-XYXH	0.560	14.22	0.060	1.52	0.400	10.16	POLY BAGS	-	OB
95103-XYX	1.064	27.03	0.433	11.00	0.531	13.49	POLY BAGS	NOTE 10	OB
95104-XYX	0.370	9.40	0.126	3.20	0.144	3.66	POLY BAGS	NOTE 10	OB
95648-XYXH	0.655	16.64	0.155	3.94	0.400	10.16	POLY BAGS	-	OB
95655-XYX	1.164	29.57	0.095	2.41	0.969	24.61	POLY BAGS	NOTE 10	OB
98001-XYXH	0.610	15.49	0.420	10.67	0.090	2.29	POLY BAGS	-	OB
98136-XYXH	0.475	12.07	0.095	2.41	0.280	7.11	POLY BAGS	-	OB
10004394-XYXH	0.290	7.37	0.095	2.41	0.095	2.41	POLY BAGS	-	OB
10076764-XYXH	0.479	12.19	0.114	2.9	0.265	6.75	POLY BAGS	-	OB
10103017-XYX	0.335	8.51	0.130	3.30	0.105	2.67	POLY BAGS	-	OB
10121349-XYX	0.626	15.9	0.120	3.05	0.406	10.3	POLY BAGS/TAPE REEL	-	OB

mat'l. code NOTES 2 & 3		surface ISO 1302	tolerance ISO 406 ISO 101	projection	product family
ltr	ecn no	dr	date	tolerances unless otherwise specified	title
DF				angles	BERGSTIK® II HEADER
				linear	.100/2.54cc SR STRAIGHT
				0°±2'	dwg no
				dr T.BREWBAKER	sheet 8 of 8 size
				enr T.HANNA	68000
				chr J.MURPHY	A3
				ppd T.HANNA	type Product Customer Drawing
sheet index	revision sheet				