

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-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:

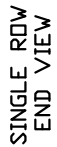
N=NUMBER OF POSITION PER ROW

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
					Scale 1:1
			dr	T.BREWBAKER	01/05/95
			engr	T.HANNA	01/05/95
			chr	J.MURPHY	01/05/95
			pppd	T.HANNA	01/05/95
sheet	revision				
index	sheet				
		title		product family	
		BERGSTIK® II HEADER		BERGSTIK	
		.100/2.54cc SR STRAIGHT			
		dwg no		sheet 2 of 8 size	
		68000		A3	
		type		Product Customer Drawing	



mat'l. code NOTES 2 & 3		surface / tolerance		projection		product family	
tr	ecr no	dr	date	ISO 1302 ✓	ISO 406 ISO 1101		BERGSTIK
tr	ecr no	dr	date	tolerances unless otherwise specified			
IF				angles	linear		BERGSTIK® II HEADER .100/2.54cc SR STRAIGHT
				0±.2'	XXX450/XX4.3 XXX40.006/XXX1.15 XXX40.0002/XXX4.005		
				dr	T.BREWBAKER 01/05/95	scale 1:1 Amphenol FCI	sheet 3 of 8 size 68000
				enrg	T.HANNA 01/05/95		
				chr	J.MURPHY 01/05/95		
				appd	T.HANNA 01/05/95	type Product Customer Drawing	
sheet	revision						
index	sheet						

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mat'l. code NOTES 2 & 3	tr	ecrn no	dr	date	surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family	BERGSTIK
DF					tolerances unless otherwise specified				
					angles	linear	INCH/MM	title	BERGSTIK II HEADER
					0.2±	linear	scale 1:1		.100/2.54cc SR STRAIGHT
					dr	T.BREW/BAKER		dwg no	sheet 5 of 8 size
					engr	T.HANNA			A3
					chr	J.MURPHY			68000
					ppd	T.HANNA		type	Product Customer Drawing
sheet index	revision	sheet							

mat'l. code NOTES 2 & 3	tr	ecn no	dr	date	surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family BERGSTIK	title BERGSTIK II HEADER .100/2.54cc SR STRAIGHT
	DF				angles	linear XX40/X4.3 XX410.006/XX41.5 XX414.0002/XX41.005	INCH/MM 		
					0.12		scale 1:1		
					dr	T.BREW/BAKER	01/05/95		dwg no sheet 6 of 8 size A3
					engr	T.HANNA	01/05/95		
					chr	J.MURPHY	01/05/95		
					ppd	T.HANNA	01/05/95		
sheet index	revision							type Product Customer	Drawing

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			
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	PACKAGING	NOTES	
84918- XXX	0.340	8.64	0.120	3.05	0.120	3.05	POLY BAGS	YES	OB
84921- XXX	0.370	9.40	0.150	3.81	0.120	3.05	POLY BAGS	YES	OB
86506- XXX	0.440	11.18	0.120	3.05	0.220	5.59	POLY BAGS	YES	OB
86579- XXX	0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS	NOTE 9	OB
86634- XXX		NOT AVAILABLE							NOTE 1,12
86635- XXX		NOT AVAILABLE							
86636- XXX		NOT AVAILABLE							
86637- XXX		NOT AVAILABLE							
86638- XXX		NOT AVAILABLE							
86793- XXX	0.900	22.86	0.100	2.54	0.700	17.78	POLY BAGS	NOTE 10	OB
86899- XXX	1.020	25.91	0.120	3.05	0.800	20.32	POLY BAGS		OB
87185- XXX	1.238	31.45	0.095	2.41	1.043	26.49	POLY BAGS	NOTE 10	
87204- XXX	0.895	22.73	0.120	3.05	0.675	17.15	POLY BAGS		OB
87241- XXX	1.000	25.40	0.120	3.05	0.780	19.81	POLY BAGS		OB
87502- XXX	1.130	28.70	0.110	2.79	0.920	23.37	POLY BAGS		OB
87827- XXX	0.380	9.65	0.120	3.05	0.160	4.06	POLY BAGS		
87916- XXX	1.058	26.87	0.128	3.25	0.830	21.08	POLY BAGS		NOTE 1,12
88005- XXX	0.536	13.61	0.095	2.41	0.341	8.66	POLY BAGS	NOTE 10	OB
88706- XXX	0.900	22.86	0.100	2.54	0.700	17.78	POLY BAGS		OB
89232- XXX	0.325	8.26	0.000	0.00	0.230	5.84	POLY BAGS	NOTE 7	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				linear	angular	BERGSTIK® II HEADER	
				0°±2'	INCH/MM	.100/2.54cc SR STRAIGHT	
				dr	T.BREWBAKER	dwg no	sheet 7 of 8 size
				enrg	T.HANNA	68000	A3
				chr	J.MURPHY	type Product Customer Drawing	
				pppd	T.HANNA		
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	-	NOTE 1,12
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	-	NOTE 1,12

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		BERGSTIK	
DF				angles	INCH/MM	title BERGSTIK® II HEADER	
				linear	Scale 1:1	.100/2.54cc SR STRAIGHT	
				0±2°		dwg no sheet 8 of 8 size	
				dr T.BREWBAKER	01/05/95	68000	
				enr T.HANNA	01/05/95	A3	
				chr J.MURPHY	01/05/95	type Product Customer Drawing	
				ppd T.HANNA	01/05/95		
sheet index	revision sheet						