

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 XXXXX-YYY-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:

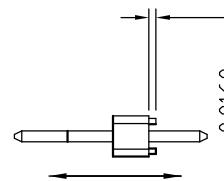
N=NUMBER OF POSITION PER ROW

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	BERGSTIK
DF					
		tolerances unless otherwise specified			title
		angles	linear	INCH/MM	
		0°±2'	.XXX±0.006/.XX±.15	Scale 1:1	BERGSTIK® II HEADER .100/2.54cc SR STRAIGHT
		dr	T.BREWBAKER	01/05/95	
		engr	T.HANNA	01/05/95	dwg no sheet 2 of 8 size
		chr	J.MURPHY	01/05/95	
		appt	T.HANNA	01/05/95	68000
sheet	revision				
index	sheet				type Product Customer Drawing



mat'l. code NOTES 2 & 3		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title	
DF				angles	linear	INCH/MM ↕		BERGSTIK® II HEADER	
				0±.2		scale 1:1		.100/2.54cc SR STRAIGHT	
				dr	T.BREWBAKER	01/05/95		dwg no	
				engr	T.HANNA	01/05/95		sheet 3 of 8	
				chr	J.MURPHY	01/05/95		68000	
				appd	T.HANNA	01/05/95		A3	
sheet	revision							type Product Customer	
index	sheet							Drawing	

mat'l. code		notes 2 & 3		surface		tolerance		projection		product family	
ID		date		ISO 1302		ISO 406				BERGSTIK	
tr		ecr no		angles		tolerances unless otherwise specified				title	
DF				linear		.XX10/.XX13		INCH/MM		BERGSTIK® II HEADER	
				0±.2°		.XXX10±.0006/.XXX15		scale 1:1		.100/2.54cc SR STRAIGHT	
				dr		T.BREWBAKER 01/05/95		dwg no		sheet 4 of 8 size	
				engr		T.HANNA 01/05/95		Amphenol		68000	
				chr		J.MURPHY 01/05/95		FCI		Product Customer	
				appd		T.HANNA 01/05/95		type		Drawing	
sheet		revision									
index		sheet									

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	
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	-	NOTE 1,12
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	-	NOTE 1,12
68781-XXY	0.691	17.55	0.273	6.93	0.318	8.08	POLY BAGS	-	NO

mat'l. code NOTES 2 & 3		surface ISO 1302	tolerance ISO 406 ISO 101	projection		product family BERGSTIK	
ltr ecn no	dr date	tolerances unless otherwise specified				title	
DF		angles	.XX±01/.X±3	INCH/MM		BERGSTIK® II HEADER	
		linear	.XXX±0.006/.XX±.15			.100/2.54cc SR STRAIGHT	
		0°±2°	.XXX±0.002/.XXX±.005	scale 1:1		dwg no	sheet 5 of 8 size
		dr T.BREWBAKER	01/05/95			68000	A3
		engr T.HANNA	01/05/95			type Product Customer	Drawing
		chr J.MURPHY	01/05/95				
sheet index	revision sheet	pppd T.HANNA	01/05/95				

mat'l. code NOTES 2 & 3	tr	ecn no	dr	date	surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family	BERGSTIK
DF					angles	linear XX40/XX43 XX41006/XX415 XX410062/XX41005			
					0±2°		INCH/MM	title	BERGSTIK II HEADER
					dr	T.BREW/BAKER	scale 1:1		.100/2.54cc SR STRAIGHT
					engr	T.HANNA		dwg no	sheet 6 of 8 size
					chr	J.MURPHY			A3
					pppd	T.HANNA		68000	
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	XYYH	0.340	0.120	0.120	0.120	0.120	POLY BAGS	YES	OB
84921	XYYH	0.370	0.150	0.150	0.120	0.120	POLY BAGS	YES	OB
86506	XYY	0.440	0.120	0.120	0.220	0.220	POLY BAGS	YES	OB
86579	XYY	0.450	0.120	0.120	0.230	0.230	POLY BAGS	NOTE 9	OB
86634	XYY		NOT AVAILABLE						NOTE 1,12
86635	XYY		NOT AVAILABLE						
86636	XYY		NOT AVAILABLE						
86637	XYY		NOT AVAILABLE						
86638	XYY		NOT AVAILABLE						
86793	XYY	0.900	0.100	0.100	0.700	0.700	POLY BAGS	NOTE 10	OB
86899	XYY	1.020	0.120	0.120	0.800	0.800	POLY BAGS		OB
87185	XYY	1.238	0.095	0.095	2.41	1.043	POLY BAGS	NOTE 10	
87204	XYY	0.895	0.120	0.120	0.675	0.675	POLY BAGS		OB
87241	XYY	1.000	0.120	0.120	0.780	0.780	POLY BAGS		OB
87502	XYYH	1.130	0.110	0.110	0.920	0.920	POLY BAGS		OB
87827	XYY	0.380	0.120	0.120	0.160	0.160	POLY BAGS		
87916	XYY	1.058	0.128	0.128	0.830	0.830	POLY BAGS		NOTE 1,12
88005	XYY	0.536	0.095	0.095	0.341	0.341	POLY BAGS	NOTE 10	OB
88706	XYY	0.900	0.100	0.100	0.700	0.700	POLY BAGS		OB
89232	XYY	0.325	0.000	0.000	0.230	0.230	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			BERGSTIK
DF		angles	.XX±01/.X±3	INCH/MM	title
		linear	.XXX±0.006/.XX±.15	Scale 1:1	BERGSTIK® II HEADER
		0°±2°	.XXX±0.002/.XXX±.005		.100/2.54cc SR STRAIGHT
		dr T.BREWBAKER	01/05/95		dwg no sheet 7 of 8 size
		enr T.HANNA	01/05/95		68000
		chr J.MURPHY	01/05/95		A3
		ppd T.HANNA	01/05/95		type Product Customer Drawing
sheet index	revision sheet				

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PRODUCT NUMBER										TOTAL PIN LGTH										TAIL LENGTH										MATING LENGTH										BERGSTRIIP										LF																													
DIM F					DIM F					DIM G					DIM G					DIM H					DIM H					AVAILABLE					OPTION																																												
ENGLISH METRIC										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										NO										OB									
90547-XYX										0.508-12.90										0.095-2.41										0.313-7.95										POLY BAGS										NOTE 10										NO										OB									
90719-XYX										0.384-9.75										0.106-2.69										0.178-4.52										POLY BAGS										-										NO																			
90726-XYX										0.440-11.18										0.110-2.79										0.230-5.84										POLY BAGS										-										YES										OB									
91276-XYX										1.225-31.12										0.225-5.72										0.900-22.86										POLY BAGS										-										NO										NOTE 1,12									
92020-XYX										0.372-9.45										0.094-2.39										0.178-4.52										POLY BAGS										-										NO										OB									
92418-XYX										0.572-14.53										0.118-3.00										0.354-8.99										POLY BAGS										-										NO										OB									
93167-XYX										0.394-10.01										0.059-1.50										0.235-5.97										POLY BAGS										-										NO										OB									
93287-XYXH										0.585-14.86										0.085-2.16										0.400-10.16										POLY BAGS										-										NO																			
93944-XYX										0.941-23.90										0.130-3.30										0.711-18.06										POLY BAGS										-										NO																			
93992-XYXH										0.415-10.54										0.085-2.16										0.230-5.84										POLY BAGS										-										NO																			
94063-XYX										0.376-9.55										0.138-3.51										0.138-3.51										POLY BAGS										NOTE 10										NO																			
94094-XYX										0.592-15.04										0.314-7.98										0.178-4.52										POLY BAGS										-										NO										OB									
94544-XYX										0.550-13.97										0.130-3.30										0.330-8.38										POLY BAGS										NOTE 10										NO										OB									
94611-XYXH										0.320-8.13										0.095-2.41										0.125-3.18										POLY BAGS										-										NO																			
95017-XYXH										0.560-14.22										0.060-1.52										0.400-10.16										POLY BAGS										-										NO										OB									
95103-XYX										1.064-27.03										0.433-11.00										0.531-13.49										POLY BAGS										NOTE 10										NO										OB									
95104-XYX										0.370-9.40										0.126-3.20										0.144-3.66										POLY BAGS										NOTE 10										NO										OB									
95648-XYXH										0.655-16.64										0.155-3.94										0.400-10.16										POLY BAGS										-										NO										OB									
95655-XYX										1.164-29.57										0.095-2.41										0.969-24.61										POLY BAGS										NOTE 10										NO										OB									
98001-XYXH										0.610-15.49										0.420-10.67										0.090-2.29										POLY BAGS										-										NO										OB									
98136-XYXH										0.475-12.07										0.095-2.41										0.280-7.11										POLY BAGS										-										NO										OB									
10004394-XYXH										0.290-7.37										0.095-2.41										0.095-2.41										POLY BAGS										-										NO										OB									
10076764-XYXH										0.479-12.19										0.114-2.9										0.265-6.75										POLY BAGS										-										YES										OB									
10103017-XYX										0.335-8.51										0.130-3.30										0.105-2.67										POLY BAGS										-										NO										OB									
10121349-XYX										0.626-15.9										0.120-3.05										0.406-10.3										POLY BAGS/TAPE REEL										-										NO										NOTE 1,12									

mat'l. code										surface										tolerance										projection										product family									
NOTES 2 & 3										ISO 1302										ISO 406										ISO 1101										BERGSTIK									
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sheet index					revision sheet																																												

form: A3-2016-02-24

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STATUS

Released

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