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PRODUCT NUMBER
XXXXX-YYYHPLF

- LEAD FREE OPTION
SEE NOTE 1,13
- SPECIAL OPTIONS
SEE NOTE 1 OR 10
- HIGH TEMPERATURE PLASTIC
SEE NOTE 1
- NO OF
POSITIONS
SEE NOTE 1
- PIN PLATING
SEE SHEET 2
- BASE PART NO.

67996-X XX-XXX XXX LF

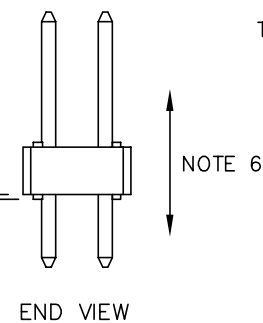
- TAIL LENGTH (EXAMPLE BELOW)
3.0mm=030 12.8mm=128
(SEE NOTE 16 & 17)
- MATING LENGTH (EXAMPLE BELOW)
5.0mm=050 25.5mm=255
(SEE NOTE 16 & 17)
- TOTAL NUMBER OF POSITIONS
FROM 2 (2X1) THRU 72 (2X36) POS.
- PIN PLATING (SEE NOTE 14)
1=0.76µm Au
4= PURE TIN
8=0.36µm Au
- BASE PART NO.
DOUBLE ROW



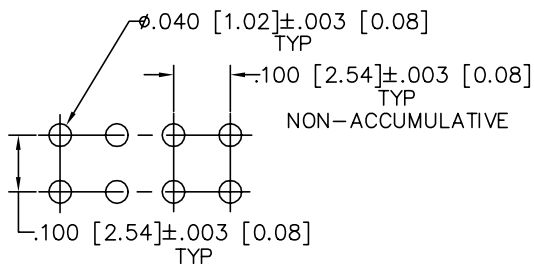
TOP VIEW



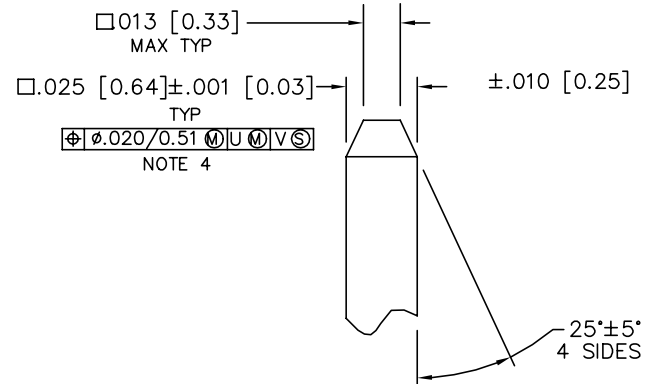
SIDE VIEW



END VIEW



RECOMMENDED HOLE PATTERN



DETAIL P
SCALE 5:1
TYP BOTH ENDS

mat'l. code				surface		tolerance		projection		product family			
NOTE 2 & 3				ISO 1302 ✓		ISO 406 ISO 1101				BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified				INCH/MM		title BERGSTIK II HEADER D/R .100/2.54cc STRAIGHT			
DF	N11-0180	J.Z	2011-05-31	angles	linear	.XX±.01/.X±.3							
DG	ELX-N-13471	J.Z	2011-11-16			.XXX±.005/.XX±.13							
DH	ELX-N-16105	ZK	2013-10-22			.XXX±.0020/.XXX±.051							
				0°±2'				scale 2:1					
				dr	T.BREWBAKER	12/21/94				dwg no		sheet 1 of 8	size
				enr	T.HANNA	12/21/94				67996		A3	
				chr	J.MURPHY	12/21/94							
				appd	T.HANNA	12/21/94							
sheet index	revision sheet	DH 1	... 8	DH									

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

NOTES

1. PART NUMBER OPTIONS:
PIN PLATING CODES (SEE ABOVE)

HIGH TEMPERATURE MATERIAL:

PART NUMBERS WITH AND WITHOUT "H" WILL BE SUPPLIED WITH HIGH TEMPERATURE PLASTIC.

NUMBER OF POSITIONS :

EVEN NUMBER OF POSITIONS FROM 2 (2X1) THROUGH 72 (2X36).
-X00H INDICATES BERGSTRIIP PRODUCT. SEE PAGE 3
FOR SPECIAL GEOMETRY OF THIS CONTINUOUS STRIP PRODUCT.
AUTOMATED REELS WILL CONTAIN 45,000 PINS.
SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.

PACKAGING:

PACKAGED 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 "G" ARE PACKAGED
IN GPAX FOR IBM ONLY. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.
PART NUMBERS FOLLOWED BY A "C" ARE PACKAGED IN TUBES
WITH A PICKUP CAP APPLIED.
EIGHT DIGIT PART NUMBERS FOLLOWED BY A "A" ARE PACKAGED 
IN TAPE/REEL WITH PICKUP CAP P/N 95730-003 APPLIED, PER BUS-14-345.

LEAD FREE:

ADD "HLF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE
OPTION, NOT AVAILABLE FOR -5YY,-5YYH, -6YY & -6YYH

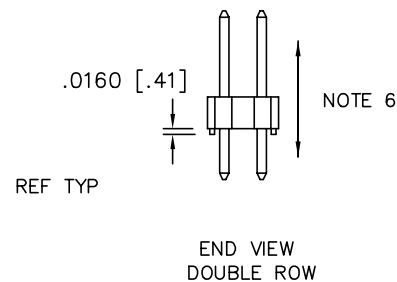
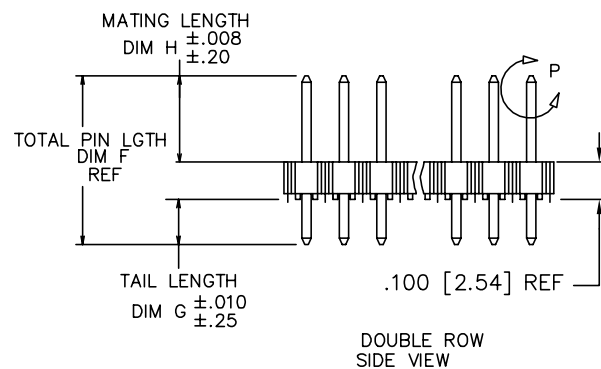
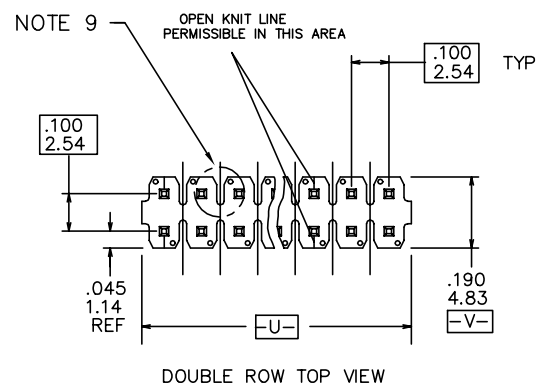
2. BODY MATERIAL:

BODY MATERIAL : MANUFACTURER'S OPTION OF NYLON, PCT GLASS FIBER
REINFORCED OR MINERAL FILLED LCP 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 "H" AND WITHOUT SUFFIX WILL WITHSTAND EXPOSURE
TO 260° C PEAK TEMPERATURE FOR 20 SECONDS IN
WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

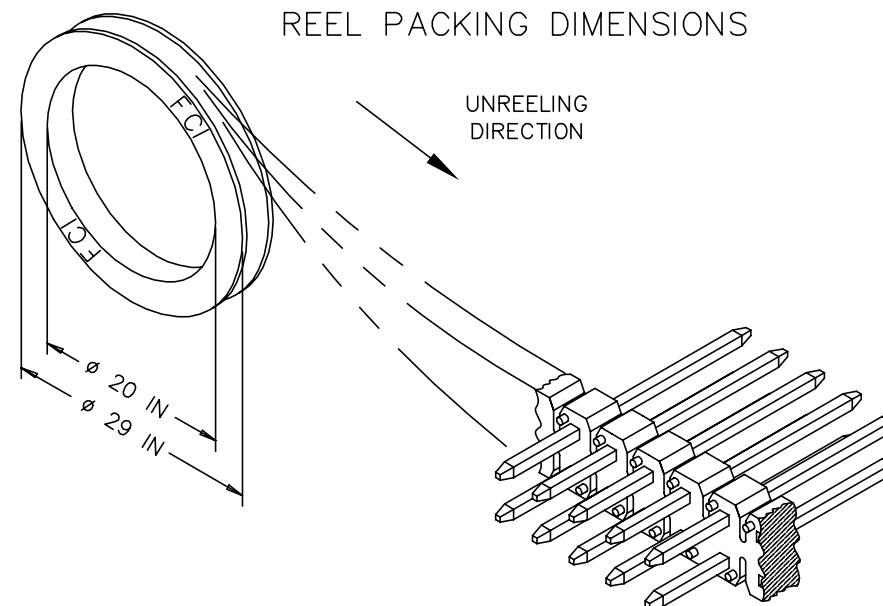
3. PIN MATERIAL: PHOS BRONZE.
4. MEASURED WITH PART IN RESTRAINED CONDITION.
5. TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS.
6. 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.
7. MILITARY BERGSTIK HEADER
P/N XXXXX-XY-MIL
NOT AVAILABLE.
8. ±.010/0.25 TOL APPLIES TO ALL "G" TAILS EXCEPT
INDICATED PARTS ON TABLE WHERE +.010/0.25 -.000/0.00
APPLIES.
9. NOTCH CONFIGURATION WILL VARY PER VENDOR'S DISCRETION.
10. BERGSTRIIP™ PART NUMBERS FOLLOWED BY
BY A "B" ARE BULK PRICED.
11. TAIL LENGTH (DIM. G) TO BE ±.008/.020.
12. POSITIONS PER ROW 37 TO 50 CAN BE PRODUCED,
BUT FLATNESS AND CURVATURE MAY NOT BE
HELD AS CLOSE AS 36 POSITIONS.
13. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
14. PLATING OPTIONS:
PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL,
OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.
15. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND
HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT
ENVIRONMENTS."
16. THE OAL DON'T EXCEED 34.5mm
17. INCREMENTS BY 0.1mm IN LENGTHS ONLY
18. FOR SPECIAL PACKAGING REQUEST PLEASE CONTACT PRODUCT MANAGER FOR AVAILABILITY
19. TO DETERMINE DIMENSIONS:
N=NUMBER OF POSITION PER ROW
EXAMPLE: 10 POS. N X .100/2.54

mat'l. code NOTE 2 & 3				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family BERGSTIK
ltr	ecn	no	dr	date	tolerances unless otherwise specified	INCH/MM scale 2:1 	title
DG					angles linear XX±01/XX±3 XXX±0.005/XXX±.13 XXXX±0020/XXX±.05		BERGSTIK II HEADER D/R .100/2.54cc STRAIGHT
					0°±2'		
				dr	T.BREWBAKER	12/21/94	dwg no
				enrg	T.HANNA	12/21/94	sheet 2 of 8
				chr	J.MURPHY	12/21/94	size
				appd	T.HANNA	12/21/94	A3
sheet index				revision	sheet		type Product Customer Drawing

BERGSTRIPTM HEADER



REEL PACKING DIMENSIONS



mat'l. code NOTE 2 & 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr ecn no dr date				tolerances unless otherwise specified						title			
DH				angles		linear		INCH/MM		BERGSTIK II HEADER D/R			
						XXX±01/XX±3				.100/2.54cc STRAIGHT			
				0°±2'		XXX±0.005/XX±.13		scale 2:1					
				dr		T.BREWBAKER 12/21/94				dwg no sheet 3 of 8 size			
				enrg		T.HANNA 12/21/94				67996 A3			
				chr		J.MURPHY 12/21/94							
				appd		T.HANNA 12/21/94				type Product Customer Drawing			
sheet index		revision sheet											

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PRODUCT NUMBER	TOT. PIN LGTH.	TAIL LENGTH		MATING LENGTH		PACKAGING	NOTES	BERGSTRIIP™ AVAILABLE	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H			
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC			
55005-XYH	0.597	15.16	0.095	2.41	0.402	10.21	POLY BAGS	YES	OB
55030-XYH	0.630	16.00	0.150	3.81	0.380	9.65	POLY BAGS	YES	NOTE 1,13
67996-XY	0.425	10.80	0.095	2.41	0.230	5.84	POLY BAGS/TUBES	YES	
67997-XY	0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS/TUBES	YES	
67997-XYH	0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS/TUBES	YES	
67998-XY	0.525	13.34	0.107	2.72	0.318	8.08	POLY BAGS/TUBES	YES	
67999-XY	0.548	13.92	0.130	3.30	0.318	8.08	POLY BAGS	NO	
68438-XY	0.555	14.10	0.225	5.72	0.230	5.84	POLY BAGS/TUBES	NO	OB
68439-XY	0.720	18.29	0.120	3.05	0.500	12.70	POLY BAGS	NO	OB
68464-XY	0.650	16.51	0.120	3.05	0.430	10.92	POLY BAGS/TUBES	NO	
68481-XY	0.480	12.19	0.095	2.41	0.285	7.24	POLY BAGS/TUBES	NO	
68482-XY	0.938	23.83	0.318	8.08	0.520	13.21	POLY BAGS	NO	
68491-XY	0.475	12.07	0.120	3.05	0.255	6.48	POLY BAGS/TUBES	NO	
68600-XY	0.825	20.96	0.115	2.92	0.610	15.49	POLY BAGS	NO	OB
68601-XY	0.620	15.75	0.120	3.05	0.400	10.16	POLY BAGS	NO	OB
68602-XY	0.480	12.19	0.150	3.81	0.230	5.84	POLY BAGS	YES	
68690-XY	0.533	13.54	0.115	2.92	0.318	8.08	POLY BAGS	NO	
68691-XY	0.538	13.67	0.120	3.05	0.318	8.08	POLY BAGS	YES	
68692-XY	0.430	10.92	0.100	2.54	0.230	5.84	POLY BAGS	NO	
68693-XY	0.938	23.83	0.520	13.21	0.318	8.08	POLY BAGS	NO	
68716-XY	0.828	21.03	0.410	10.41	0.318	8.08	POLY BAGS	NO	OB
68734-XY	0.615	15.62	0.230	5.84	0.285	7.24	POLY BAGS	NO	OB
68737-XY	0.440	11.18	0.110	2.79	0.230	5.84	POLY BAGS	YES	
68738-XY	0.615	15.62	0.115	2.92	0.400	10.16	POLY BAGS	NO	OB
68739-XY	0.486	12.34	0.156	3.96	0.230	5.84	POLY BAGS	NO	
68743-XY	0.638	16.21	0.220	5.59	0.318	8.08	POLY BAGS	NO	
68749-XY	0.838	21.29	0.420	10.67	0.318	8.08	POLY BAGS	NO	OB
68779-XY	0.736	18.69	0.318	8.08	0.318	8.08	POLY BAGS	NO	
68783-XY	0.375	9.53	0.045	1.14	0.230	5.84	POLY BAGS	NO	OB
68799-XY	0.925	23.50	0.595	15.11	0.230	5.84	POLY BAGS	NO	OBNOTE 1,13

mat'l. code

NOTE 2 & 3

ltr

ecn

no

dr

date

surface

ISO 1302

tolerance

ISO 406

ISO 1101

projection

product family

BERGSTIK

title

BERGSTIK II HEADER D/R

.100/2.54cc STRAIGHT

dwg no

sheet 4 of 8

size

67996

A3

type

Product Customer Drawing

sheet index

revision

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PDS: Rev :DH

STATUS: Released

Printed: Oct 29, 2013

PRODUCT NUMBER	TOT. PIN	LGTH.	TAIL LENGTH		MATING LENGTH				BERGSTRIPTM	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	PACKAGING	NOTES	AVAILABLE	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC				
87345-XXX	1.218	30.94	0.406	10.31	0.712	18.08	POLY BAGS		NO	NOTE 1,13
87348-XXX	0.930	23.62	0.100	2.54	0.730	18.54	POLY BAGS		NO	
87349-XXX	0.890	22.61	0.110	2.79	0.680	17.27	POLY BAGS		NO	
87381-XXX	0.645	16.38	0.100	2.54	0.445	11.30	POLY BAGS		NO	
87382-XXX	0.675	17.15	0.100	2.54	0.475	12.07	POLY BAGS		NO	
87503-XXYH	0.630	16.00	0.110	2.79	0.420	10.67	POLY BAGS		NO	
87869-XXX	0.690	17.53	0.230	5.84	0.360	9.14	POLY BAGS		NO	
87894-XXX	0.588	14.94	0.170	4.32	0.318	8.08	POLY BAGS	-	NO	
87900-XXX	0.940	23.88	0.120	3.05	0.720	18.29	POLY BAGS	-	NO	
87901-XXX	1.040	26.42	0.120	3.05	0.820	20.83	POLY BAGS	-	NO	
87903-XXX	0.963	24.46	0.337	8.56	0.526	13.36	POLY BAGS		NO	OB
88797-XXX	0.950	24.13	0.320	8.13	0.530	13.46	POLY BAGS		NO	OB
88812-XXX	0.415	10.54	0.085	2.16	0.230	5.84	POLY BAGS/TUBES	NOTE 8	NO	OB
88886-XXX	1.306	33.17	0.276	7.01	0.930	23.62	POLY BAGS		NO	OB
89446-XXX	0.930	23.62	0.120	3.05	0.710	18.03	POLY BAGS		NO	OB
89540-XXX	0.760	19.30	0.280	7.11	0.380	9.65	POLY BAGS		NO	OB
89542-XXX	1.065	27.05	0.125	3.18	0.840	21.34	POLY BAGS		NO	OB
89639-XXX	1.260	32.00	0.118	3.00	1.042	26.47	POLY BAGS		NO	OB
91828-XXX	0.450	11.43	0.120	3.05	0.230	5.84	TUBES		NO	OB
92417-XXX	0.530	13.46	0.110	2.79	0.320	8.13	POLY BAGS	-	NO	
93216-XXYH	0.573	14.55	0.155	3.94	0.318	8.08	POLY BAGS/TUBES		NO	OB
93216-632HG	0.573	14.55	0.155	3.94	0.318	8.08	GPAX	NOTE 1	NO	OB
93217-XXYH	0.395	10.03	0.095	2.41	0.200	5.08	POLY BAGS		NO	OB
93254-XXX	0.563	14.30	0.110	2.79	0.353	8.97	POLY BAGS	-	NO	NOTE 1,13



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form: A3

mat'l. code NOTE 2 & 3					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK									
litr ecn no dr date					tolerances unless otherwise specified							title								
DH					angles		linear		XXX+01/XX-3		INCH/MM		BERGSTIK II HEADER D/R							
									XXX+0.005/XXX-13		scale 2:1		.100/2.54cc STRAIGHT							
					0°±2'				XXXX+0020/XXXX-051											
					dr		T.BREWBAKER		12/21/94				dwg no		sheet 7 of 8		size			
					engr		T.HANNA		12/21/94						67996		A3			
					chr		J.MURPHY		12/21/94											
					appd		T.HANNA		12/21/94											
sheet index		revision sheet																		

