

XXXXX-XYYPHPLF

LEAD FREE OPTION
SEE NOTE 1,13

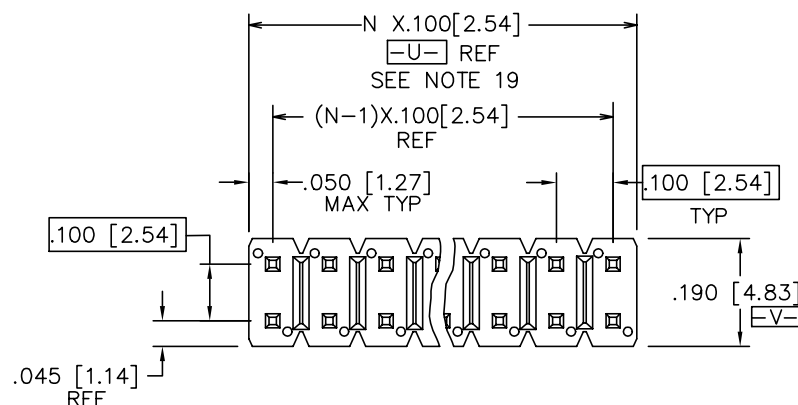
- SPECIAL OPTIONS
SEE NOTE 1 OR 10

-HIGH TEMPERATURE PLASTIC
SEE NOTE 1

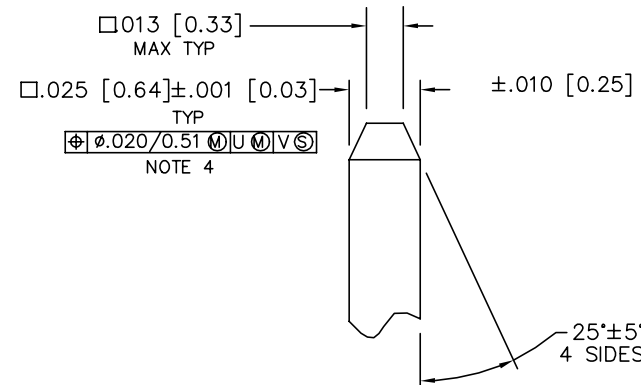
- NO OF
POSITIONS
SEE NOTE 1

- PIN PLATING
SEE SHEET 2

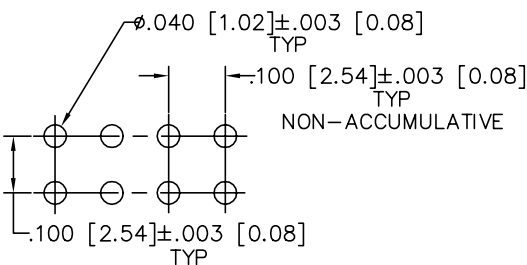
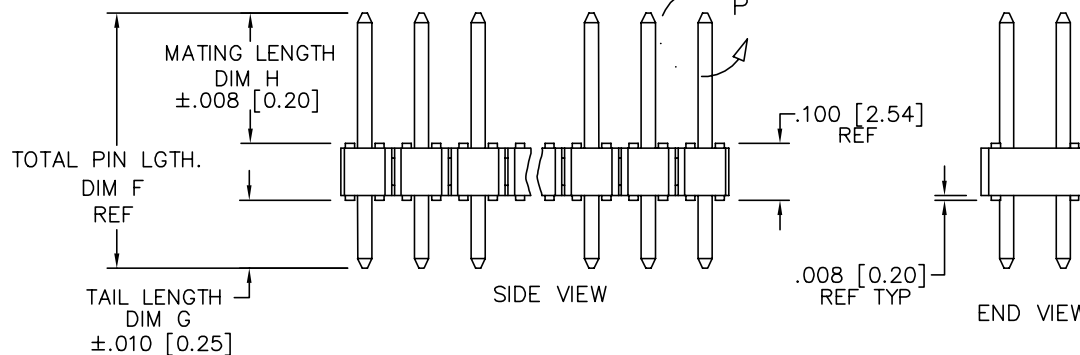
-BASE PART NO.



TOP VIEW



DETAIL P
SCALE 5:1
TYP BOTH ENDS



RECOMMENDED HOLE PATTERN

67996-X XX-XXX XXX LF

TAIL LENGTH (EXAMPLE BELOW)
- 3.0mm=030 12.8mm=128
(SEE NOTE 16 & 17)

- MATTING 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=0.76 μ m Au
4= PURE TIN
8=0.36 μ m Au

- BASE PART NO.
DOUBLE ROW

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				
DF	N11-0180	J.Z	2011-05-31	angles	linear	.XX±.01/.XX±.3				INCH/MM scale 2:1				
DG	ELX-N-13471	J.Z	2011-11-16			.XXX±.005/.XX±.13								
DH	ELX-N-16105	ZK	2013-10-22			.XXXXX±.002/.XXX±.051								
				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	...	DH								
				1	...	8								

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					surface			tolerance		projection		product family			
NOTE 2 & 3					ISO 1302 ✓			ISO 406				BERGSTIK			
ltr					ecn no			dr				date		title	
DG											INCH/MM		BERGSTIK II HEADER D/R .100/2.54cc STRAIGHT		
					angles			linear			scale 2:1				
								XX±01/XX±3							
								XXX±0.005/XXX±.13							
					0°±2°			XXX±0020/XXX±.05							
					dr			T.BREWBAKER			12/21/94		dwg no		
					enrg			T.HANNA			12/21/94				
					chr			J.MURPHY			12/21/94		size		
					appd			T.HANNA			12/21/94				
													type Product Customer Drawing		

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A

B

C

D

form: A3

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PRODUCT NUMBER	TOT. PIN	LGTH.	TAIL LENGTH		MATING LENGTH				BERGSTRI	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	PACKAGING	NOTES	AVAILABLE	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC				
94010-XXYH	0.756	19.20	0.350	8.89	0.306	7.77	POLY BAGS	---	NO	OB NOTE 1,13
94532-XXYH	1.250	31.75	0.450	11.43	0.700	17.78	POLY BAGS	---	NO	
95105-XXY	0.370	9.40	0.126	3.20	0.144	3.66	POLY BAGS	---	NO	
95645-XXYH	0.350	8.89	0.100	2.54	0.150	3.81	POLY BAGS	---	NO	
95652-XXYH	0.500	12.70	0.070	1.78	0.330	8.38	POLY BAGS	---	NO	
95665-XXYH	0.835	21.21	0.335	8.51	0.400	10.16	POLY BAGS	---	NO	OB
95687-XXYH	0.820	20.83	0.360	9.14	0.360	9.14	POLY BAGS	-	NO	
95712-XXYH	1.090	27.69	0.110	2.79	0.880	22.35	POLY BAGS	---	NO	
95727-XXYH	0.825	20.96	0.110	2.79	0.615	15.62	POLY BAGS	---	NO	
98181-XXYH	0.760	19.30	0.218	5.54	0.442	11.23	POLY BAGS	---	NO	
98217-XXYH	0.756	19.20	0.328	8.33	0.328	8.33	POLY BAGS	---	NO	OB
98329-XXYH	0.930	23.62	0.415	10.54	0.415	10.54	POLY BAGS	---	NO	
98854-XXYH	0.450	11.43	0.120	3.05	0.230	5.84	TUBES	---	NO	
10017852-XXYH	0.450	11.43	0.125	3.18	0.225	5.72	POLYBAGS	---	NO	
10074747-XXYH	0.850	21.59	0.520	13.21	0.230	5.84	POLYBAGS	---	NO	



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