

PRODUCT NUMBER
XXXXX-YYY HTLF

- LEAD FREE OPTION (SEE NOTE 9, 10)
- TUBE PACKAGING OPTION (SEE NOTE 7)
- HIGH TEMPERATURE PLASTIC (SEE NOTE 1)
- NO. OF POSITIONS OER ROW (SEE NOTE 3)
- PIN PLATING (SEE SHEET 2)
- BASE PART NO. (SEE SHEET 3)

M U V S S
 M U V S

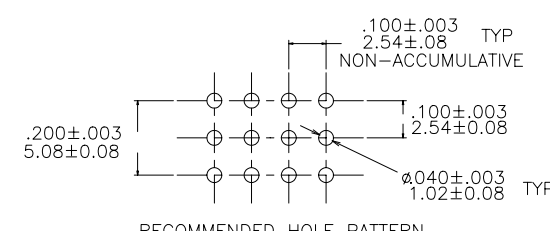
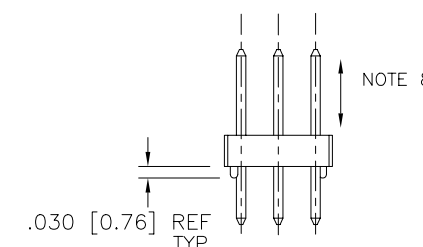
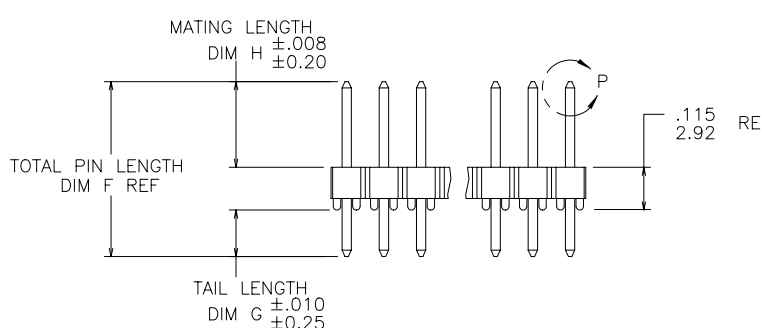
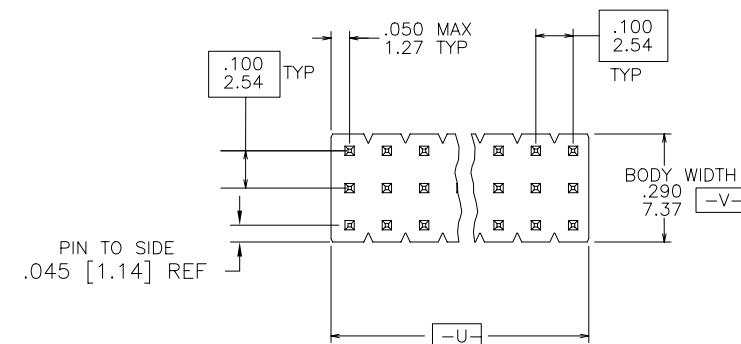
\square .025 \pm .001
0.64 \pm .03
TYP

NOTE 4

\square .013
0.33 MAX TYP

25° \pm 5° TYP
4 SIDES

SCALE 5:1
DETAIL P
TYP BOTH ENDS



mat'l. code SEE NOTES 1 & 2		surface ISO 1302 <input checked="" type="checkbox"/>	tolerance ISO 406 ISO 1101	projection 	product family BERGSTIK
ltr	ecn	no	ldr	date	tolerances unless otherwise specified
U	v70863	HTB	9/29/97	9/29/97	angles linear .xx±.01/.3
V	v71402	HTB	9/29/97	9/29/97	linear .xxx±.005/.13
W	v80947	HTB	6/05/98	0° \pm 2'	linear .xxx±.0020/.051
X	v90546	EPK	2/16/99	dr	T. BREWBAKER 8/08/94
Y	v20805	GIP	7/11/02	enr	T. HANNA 8/08/94
AA	M05-0175	ERE	8/10/05	chr	J. MURPHY 8/08/94
AB	M06-0269	MNR	7/17/06	appd	T. HANNA 8/08/94
sheet	revision	AB	AB	AB	
index	sheet	1	2	3	

title
BERGSTIK® II HEADER
.100/2.54CC TRIPLE ROW

dwg no
68702

sheet 1 of 3 size
A3

type Product Customer Drawing

1

2 3

4

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PIN PLATING CODES	
XXXXX-1YY	30u"/0.76u MIN (SEE NOTE 12) OVER 50u" /1.27u MIN Ni
XXXXX-2YY	15u"/0.38u MIN (SEE NOTE 12) OVER 50u" /1.27u MIN Ni
XXXXX-3YY	50u"/1.27u MIN Au OVER 50u" /1.27u MIN Ni
XXXXX-4YY	TIN LEAD OPTION 120u"/3.05u MIN 93/7 SnPb OVER 50u"/1.27u MIN Ni
	LEAD FREE OPTION 100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 9, 13)
XXXXX-5YY	15u"/0.38u MIN (SEE NOTE 12) OVER 50u" /1.27u MIN Ni
XXXXX-6YY	30u"/0.76u MIN (SEE NOTE 12) OVER 50u" /1.27u MIN Ni

NOTES

- ① BODY MATERIAL: PCT, GLASS FIBER REINFORCED, FLAME RETARDANT PER UL-94V-0. COLOR: BLACK. FOR HIGH TEMPERATURE APPLICATIONS, SPECIFY AN "H" AT THE END OF THE PART NUMBER TO INDICATE HIGH TEMPERATURE PLASTIC IS SUPPLIED.
- ② PIN MATERIAL: PHOS. BRONZE.
- ③ NUMBER OF POSITIONS PER ROW FROM 3 (3X3) THROUGH 36 (3X36).
- ④ MEASURED WITH PART IN RESTRAINED CONDITION.
- 5. TWO SIDES OF PIN TIPS NOT PLATED, TYPICAL (BOTH ENDS).
- 6. PACKAGED IN POLYBAGS.
- ⑦ EIGHT DIGIT P/N'S FOLLOWED BY "T" ARE PACKAGED IN TUBES. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.
- ⑧ 2 Lbs/0.9 Kg MIN PIN RETENTION IN EITHER DIRECTION.
- ⑨ PART NUMBERS WITH "HLF" SUFFIX AT THE END ARE LEAD FREE.
- ⑩ THESE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- 11. PART NUMBERS WITH "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.
PART NUMBERS WITHOUT "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR WAVE SOLDER PROCESS.
- ⑫ PLATING OPTIONS: MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.
- ⑬ "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."



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mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302 ✓		ISO 406		⊕		BERGSTIK	
ltr		ecn		no		dr		date	
AB									
angles		linear		.xx±.01/.3		INCH/MM		title	
0'±2'				.xxx±.005/.13		scale 1:1		BERGSTIK® II HEADER	
				.xxxx±.0020/.051				.100/2.54CC TRIPLE ROW	
dr		T. BREWBAKER		8/08/94		FCI		dwg no	
enfr		T. HANNA		8/08/94				sheet 2 of 3 size	
chr		J. MURPHY		8/08/94				68702 A3	
appd		T. HANNA		8/08/94				type Product Customer Drawing	
sheet index		revision sheet							

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PRODUCT NO. NOTE 9	TOTAL PIN LGTH		TAIL LENGTH		MATING LENGTH		PACKAGING
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	
68702-XYX	0.465	11.81	0.120	3.05	0.230	5.84	POLY BAGS/TUBES
69164-XYX			U N A V	A I L A	B L E		
78535-XYX	0.553	14.05	0.120	3.05	0.318	8.08	POLY BAGS/TUBES
78536-XYX	0.495	12.57	0.150	3.81	0.230	5.84	POLY BAGS/TUBES
78537-XYX	0.440	11.18	0.095	2.41	0.230	5.84	POLY BAGS/TUBES
84600-XYXH	0.415	10.54	0.130	3.30	0.170	4.32	POLY BAGS
84977-XYXH	0.730	18.54	0.400	10.16	0.230	5.84	POLY BAGS
86807-XYX			U N A V	A I L A	B L E		
86881-XYX			U N A V	A I L A	B L E		
91278-XYX			U N A V	A I L A	B L E		
95660-XYXH	0.615	15.62	0.250	6.35	0.250	6.35	POLY BAGS
68702-XYXHLF	0.465	11.81	0.120	3.05	0.230	5.84	POLY BAGS/TUBES
69164-XYXHLF			U N A V	A I L A	B L E		
78535-XYXHLF	0.553	14.05	0.120	3.05	0.318	8.08	POLY BAGS/TUBES
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86881-XYXHLF			U N A V	A I L A	B L E		
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95660-XYXHLF	0.615	15.62	0.250	6.35	0.250	6.35	POLY BAGS



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					appd	T. HANNA	8/08/94	type Product Customer Drawing	
sheet index	revision sheet								



form: A3