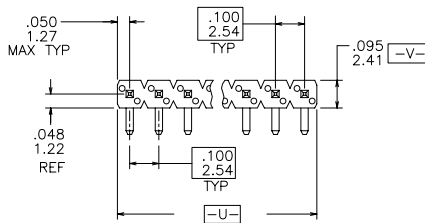
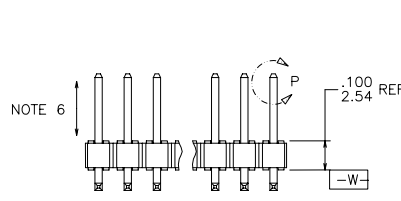


PRODUCT NUMBER
XXXXX-YYY HTLF

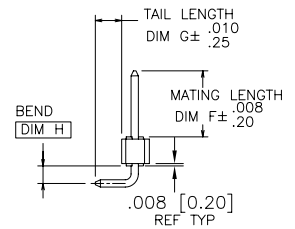
- LEAD FREE OPTION
SEE NOTE 1,11
- TUBE PACKAGING OPTION
SEE NOTE 1
- HIGH TEMPERATURE PLASTIC
SEE NOTE 1
- NO OF POSITIONS
SEE NOTE 1
- PIN PLATING
SEE SHEET 2
- BASE PART NO.



TOP VIEW

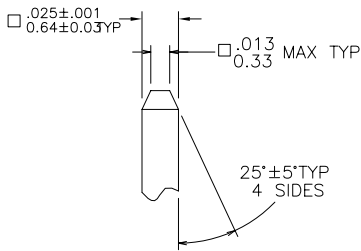


SIDE VIEW



END VIEW

⊕ ∅.020/0.51 Ⓜ U Ⓜ V Ⓢ W
NOTE 4



DETAIL P
TYP BOTH ENDS

mat'l. code	surface	tolerance	projection	product family
NOTES 2 & 3	ISO 1302 ✓	ISO 406 ISO 1101		BERGSTIK
itr	ecn	no	dr	date
AA	V71402	HTB	06/29/97	
AB	V81816	EPK	10/12/98	
AC	V81876	EPK	10/26/98	0'±2'
AD	V20790	GIP	04/24/02	dr
AE	M04-0234	MHT	12/29/04	enrg
AF	M05-0072	MHT	5/03/05	chr
AG	M06-0435	MHT	10/31/06	appd
revision	AG	AG	AG	AG
sheet	1	2	3	4
index	sheet	1	2	3

PIN PLATING CODES:	
XXXX-1YY	30u"/0.76u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXX-2YY	15u"/0.38u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXX-3YY	50u"/1.27u MIN Au OVER 50u"/1.27u MIN Ni
XXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 1,13)
XXXX-4YYHLF	
XXXX-5YY	15u"/0.38u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXX-6YY	30u"/0.76u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXX-7YY	30u"/0.76u MIN Au OVER 50u"/1.27u MIN Ni
XXXX-8YY	15u"/0.38u MIN Au OVER 50u"/1.27u MIN Ni
XXXX-9YY	15u"/0.38u MIN GXT OVER 50u"/1.27u MIN Ni
XXXX-0YY	30u"/0.76u MIN GXT OVER 50u"/1.27u MIN Ni

NOTES

① PART NUMBER OPTIONS:

PIN PLATING CODES (SEE ABOVE)

HIGH TEMP. MATERIAL:

FOR HIGH-TEMPERATURE APPLICATIONS, SPECIFY AN "H" AT THE END OF THE PART NUMBER, AND PCT WILL BE SUPPLIED.

NUMBER OF POSITION:

ANY NUMBER OF POSITIONS FROM 2 THRU 36.

PACKAGING:

PACKAGED IN POLY BAGS.

EIGHT DIGIT PART NUMBERS FOLLOWED BY A "T" ARE PACKAGED IN TUBES. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.

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:

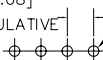
MANUFACTURER'S OPTION OF NYLON OR PCT, GLASS FIBER REINFORCED, FLAME RETARDENT PER UL-94V-0. COLOR: BLACK.

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.

.100±.003 [2.54±.08]

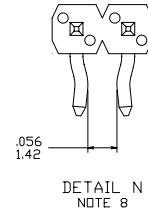
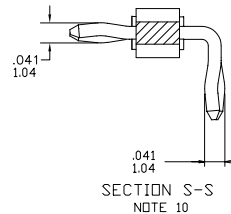
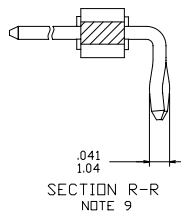
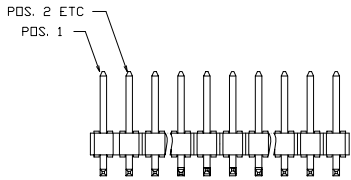
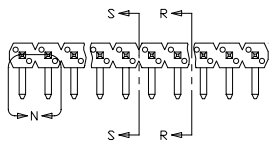
TYP. NON-ACCUMULATIVE



RECOMMENDED HOLE PATTERN

- 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. ±.010/0.25 ON DIM "F" APPLIES TO THIS PART ONLY.
- 8. 5LB/2.3KG MAX INSERTION FORCE AND .25LB/.1KG MIN RETENTION FORCE PER RETENTIVE PIN USING .062/1.57 THICK CIRCUIT BOARDS AND RECOMMENDED HOLE PATTERN.
- ⑧. DETAIL N DIMENSIONS APPLY TO 2 POSITION PARTS ONLY
- ⑨. SECTION R-R DIMENSIONS ONLY APPLY TO RETENTION. PIN POSITIONS FOR 3 POSITION PARTS AND LARGER. RETENTION PIN POSITIONS LOCATED AT MANUFACTURES OPTION.
- ⑩. SECTION S-S DIMENSIONS APPLY TO DUAL RETENTION PIN POSITIONS ONLY. SEE PRODUCT PART NUMBER FOR SINGLE OR DUAL SIDE RETENTION. LOCATED AT MANUFACTURER'S OPTION.
- ⑪. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- 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."

mat'l. code		surface	tolerance	projection	product family
ISO 1302		ISO 406	ISO 1101	BERGSTIK	BERGSTIK
ltr	ecn	no	dr	date	title
AG					BERGSTIK® II HEADER
		tolerances unless otherwise specified		INCH/MM	.100 SR R/A SELF-RET
		angles	linear	scale 2:1	FCJ
		0°±2'	.XXX±.01/0.3		sheet 2 of 4 size
		dr	D.WHITING	04/07/93	69191
		enrg	T.HANNA	04/07/93	A3
		chr	T.HANNA	04/07/93	type
		appd	T.HANNA	04/07/93	Product Customer Drawing
sheet	revision				
index	sheet				



mat'l. code		surface	tolerance	projection	product family
ISO 1302		ISO 1302	ISO 406		BERGSTIK
ISO 1101		ISO 1101	ISO 1101		title
ltr	ecm	no	dr	date	tolerances unless otherwise specified
AG					angles linear 0°±2" dr D.WHITING 04/07/93 engr T.HANNA 04/07/93 chr T.HANNA 04/07/93 appd T.HANNA 04/07/93
					.XX±.01/0.3 .XXX±.005/0.13 .XXXX±.0020/0.05
					INCH/MM scale 2:1
					title BERGSTIK® II HEADER .100 SR R/A SELF-RET dwg no 69191 sheet 3 of 4 size A3 type Product Customer Drawing
sheet	revision				
index	sheet				

PDM: Rev:AG STATUS:Released Printed: Dec 05, 2007

PRODUCT NUMBER	MATING LENGTH		TAIL LENGTH		BEND DIM		RETENTION	PACKAGING	NOTES	LF OPTION	
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H					
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	LOCATION				
69191-XYX	0.230	5.84	0.120	3.05	0.060	1.52	G TAIL	POLY BAGS/TUBES	-	NOTE 1,11	
72375-XYXH	0.240	6.10	0.120	3.05	0.060	1.52	G TAIL	POLY BAGS	-		
78554-XYX	0.318	8.08	0.120	3.05	0.060	1.52	G TAIL	POLY BAGS/TUBES	-		
78940-XYX	0.120	3.05	0.120	3.05	0.060	1.52	F MATE & G TAIL	POLY BAGS	7		
78952-XYX	0.120	3.05	0.318	8.08	0.135	3.43	F MATE	POLY BAGS	7		
79253-XYX	U N A V A I L A B L E										
84825-XYXH	0.354	9.00	0.102	2.60	0.060	1.52	G TAIL	POLY BAGS	-		
84851-XYXH	0.140	3.56	0.290	7.37	0.153	3.89	G TAIL	POLY BAGS	-		
86641-XYX	0.120	3.05	0.120	3.05	0.060	1.52	G TAIL	POLY BAGS	-		
87018-XYX	U N A V A I L A B L E										
87844-XYX	U N A V A I L A B L E										
87965-XYX	U N A V A I L A B L E										
88869-XYX	0.120	3.05	0.230	5.84	0.135	3.43	F MATE	POLY BAGS	7		
90304-XYX	0.165	4.19	0.120	3.05	0.060	1.52	G TAIL	POLY BAGS	-		
90604-XYX	U N A V A I L A B L E										
90609-XYX	U N A V A I L A B L E										
90638-XYX	0.120	3.05	0.262	6.65	0.060	1.52	F MATE	POLY BAGS/TUBES	7		
90640-XYX	0.120	3.05	0.262	6.65	0.127	3.23	F MATE	POLY BAGS	7		
94669-XYXH	0.230	5.84	0.085	2.16	0.060	1.52	G TAIL	POLY BAGS	-		
94670-XYXH	0.400	10.16	0.085	2.16	0.060	1.52	G TAIL	POLY BAGS	-		

mat'l. code	surface	tolerance	projection	product family
ISO 1302	ISO 1302	ISO 406	1st angle	BERGSTIK
		ISO 1101		
ltr	ecn	no	dr	date
AG				
tolerances unless otherwise specified		title		
angles	linear	BERGSTIK® II HEADER		
0°±2'	XXX±.01/0.3	.100 SR R/A SELF-RET		
	XXX±.005/0.13	dwg no		
dr	XXXX±.0020/0.05	69191		
enrg	D.WHITING	04/07/93	scale 2:1	sheet 4 of 4 size
chr	T.HANNA	04/07/93	FCJ	A3
appd	T.HANNA	04/07/93		type
sheet index	revision sheet			

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