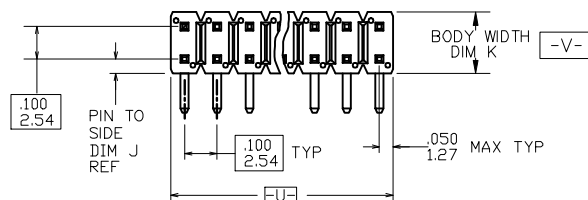
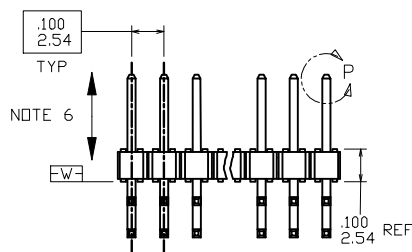


PRODUCT NUMBER
XXXXX-YYYH TLF

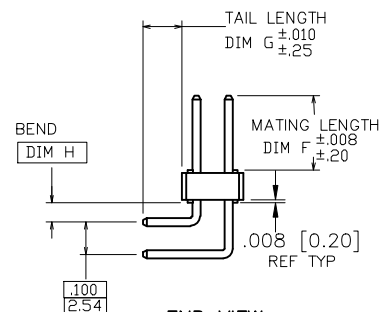
- LEAD FREE OPTION
SEE NOTE 1,11
- TUBE PACKAGING OPTION
SEE NOTE 1
- HIGH TEMPERATURE PLASTIC
SEE NOTE 1
- NO OF
POSITIONS
SEE NOTE 1
- PIN PLATING
SEE SHEET 2
- BASE PART NO.



TOP VIEW

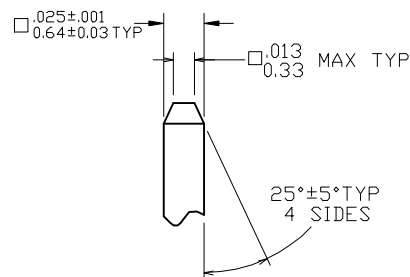


SIDE VIEW



END VIEW

⊕ ∅ .020/.51 (M) U (M) V (S) W
NOTE 4



DETAIL P
TYP BOTH ENDS

mat'l. code	NOTES 2 & 3	surface	ISO 406	projection	product family
ISO 1902	ISO 1901	ISO 1902	ISO 1901	BERGSTIK	
tolerances unless otherwise specified					
lin	ecp no	dr	date	INCH/MM	title
AA	V71402	HTB	9/29/97	linear	BERGSTIK® II HEADER
AB	V20801	GIP	4/29/02	linear	.100 DR R/A SELF-RET
AC	M04-0234	MHT	12/29/04	linear	scale 2:1
AD	M05-0072	MHT	5/03/05	dr	D. WITHING 4/08/93
AE	M06-0269	MNR	7/17/06	engr	T. HANNA 4/08/93
AF	M06-0346	MHT	9/04/06	chr	T. HANNA 4/08/93
AG	M08-0291	MHT	10/06/08	appd	T. HANNA 4/08/93
sheet	revision	AG	AG	AG	AG
index	sheet	1	2	3	4

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 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 (2X1) THRU 72 (2X36).

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 OR MINERAL FILLED LCP, COLOR BLACK FLAME RETARDENT PER UL-94V-0.

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.

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 TOL. APPLIES TO ALL "G" TAILS EXCEPT INDICATED PARTS ON TABLE WHERE +.010/0.25, -.000/0.00 APPLIES.

⑧. SECTION R-R DIMENSIONS APPLY SPECIFIED ENDS OF RETENTION PIN POSITIONS ONLY. SEE PRODUCT PART NUMBER FOR SINGLE OR DUAL SIDE RETENTION LOCATED AT MANUFACTURES OPTION.

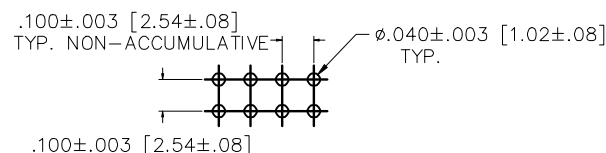
⑨. SECTION S-S DIMENSIONS APPLY TO DUAL RETENTION PIN POSITIONS ONLY, SEE PRODUCT PART NUMBER FOR SINGLE OR DUAL SIDE RETENTION. LOCATED AT MANUFACTURES OPTION.

10. 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.

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."



RECOMMENDED HOLE PATTERN

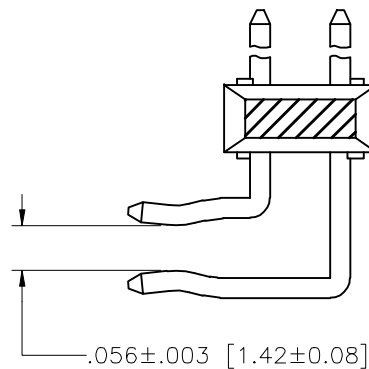
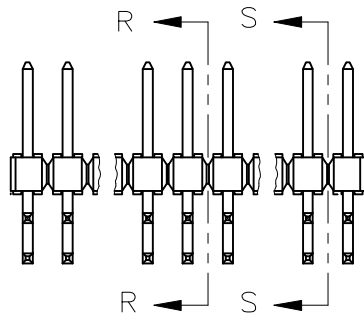
mat'l. code	NOTES 2 & 3	surface	ISO 1302	tolerance	ISO 406	projection	product family
ltr	ecr no	dr	date	ISO 1101			BERGSTIK
AG				tolerances unless otherwise specified			
				angles	linear	XX±.01/XX±.03	
						XXX±.006/XXX±.013	
				0°±2°		XXX±.0020/XXX±.005	
				dr	D. WITHING	4/08/93	
				engr	T. HANNA	4/08/93	
				chr	T. HANNA	4/08/93	
				appd	T. HANNA	4/08/93	
sheet	revision						
index	sheet						



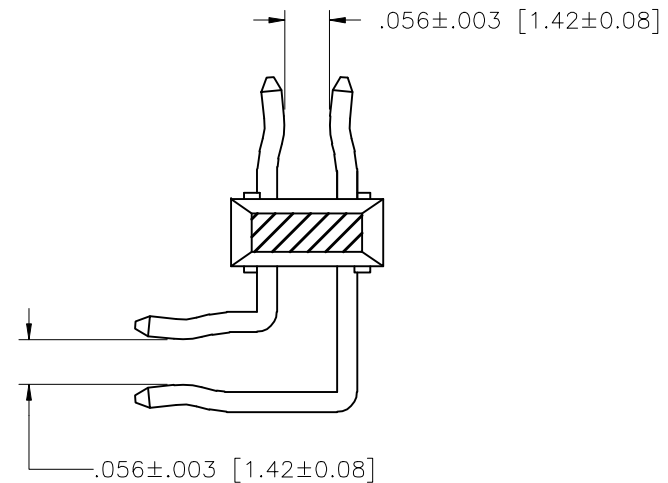
title
BERGSTIK® II HEADER
.100 DR R/A SELF-RET

dwg no 69193 sheet 2 of 4 size A3

type Product Customer Drawing



SECTION R-R
NOTE 8



SECTION S-S
NOTE 9

mat'l. code NOTES 2 & 3				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family BERGSTIK
ltr	ec'n no	dr	date	tolerances unless otherwise specified		 INCH/MM	title BERGSTIK® II HEADER .100 DR R/A SELF-RET
AG				angles	linear		
						scale 2:1	dwg no
				dr	D. WITHING	4/08/93	sheet 3 of 4
				engr	T. HANNA	4/08/93	size
				chr	T. HANNA	4/08/93	A3
				appd	T. HANNA	4/08/93	type
sheet	revision						Product Customer Drawing
index	sheet						

PRODUCT NUMBER	MATING LENGTH		TAIL LENGTH		BEND DIM.		PIN TO SIDE		BODY WIDTH		RETENTION			LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	DIM J	DIM J	DIM K	DIM K	LOCATION	PACKAGING	NOTES	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC				
69193-YYY	0.230	5.84	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	G TAIL	POLY BAGS	-	NOTE 1,11 ↓
78253-YYY			N O T	A V A I L A B L E										
78276-YYY	0.318	8.08	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	G TAIL	POLY BAGS/TUBES	-	
78299-YYY	0.230	5.84	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	G TAIL	POLY BAGS/TUBES	-	
86381-YYY	0.250	6.35	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	G TAIL	POLY BAGS	-	
87227-YYY	0.318	8.08	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	G TAIL	POLY BAGS	-	
87801-YYY			N O T	A V A I L A B L E										
87845-YYY	0.230	5.84	0.085	2.16	0.060	1.52	0.070	1.78	0.240	6.10	G TAIL	POLY BAGS/TUBES	7	
90305-YYY	0.165	4.19	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	G TAIL	POLY BAGS/TUBES	7	
93150-YYY	0.275	6.99	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	G TAIL	POLY BAGS	-	
93240-YYY	0.338	8.59	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	G TAIL	POLY BAGS	-	
94048-YYYH	0.380	9.65	0.120	3.05	0.060	1.52	0.070	1.78	0.240	6.10	G TAIL	POLY BAGS	-	

mat'l. code NOTES 2 & 3				surface ISO 1302 ☒		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr	ecr no	dr	date	tolerances unless otherwise specified						title BERGSTIK® II HEADER			
AG				angles		linear		INCH/MM		.100 DR R/A SELF-RET			
				0°±2'		.XXX±.01/XX±0.3 .XXX±.006/XX±0.13 XXX±.0020/XXX±0.06		scale 2:1		dwg no 69193 sheet 4 of 4 size A3			
				dr	D. WITHING		4/08/93				type Product Customer Drawing		
				engr	T. HANNA		4/08/93						
				chr	T. HANNA		4/08/93						
				appd	T. HANNA		4/08/93						
sheet index	revision sheet												