

69190-410HLF : 69190-
410HLF BERG II SR STRA

Product Image
Unavailable



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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.

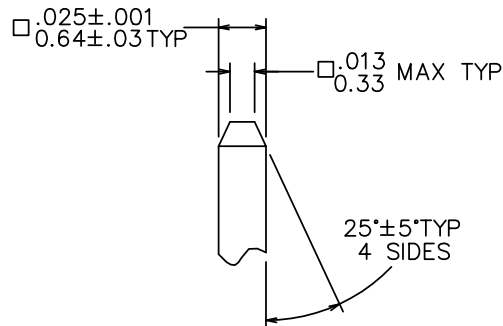
PRODUCT NUMBER

69190-XXXXX HALF

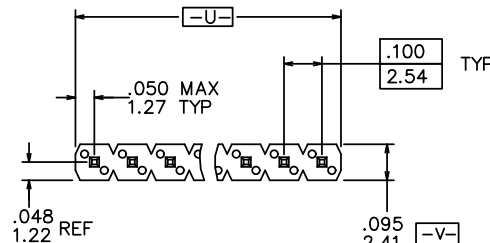
- LEAD FREE OPTION
SEE NOTE 1,11
- PACKAGING OPTION
SEE NOTE 1
- HIGH TEMPERATURE PLASTIC
SEE NOTE 1
- INDICATE DIFFERENT MATING LENGTH
AND TAIL LENGTH
- NO OF POSITIONS
SEE NOTE 1
- PIN PLATING
SEE SHEET 2
- BASE PART NO.

⌀ .020/.51 (M) U (M) V (S)

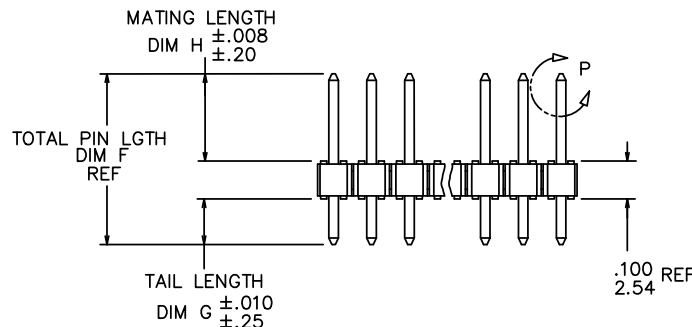
NOTE 4



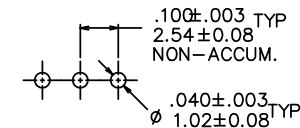
DETAIL P
TYP BOTH ENDS



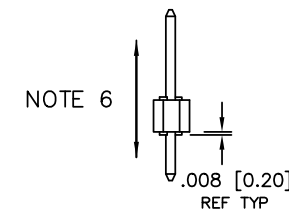
TOP VIEW



SIDE VIEW



RECOMMENDED HOLE PATTERN



END VIEW

mat'l. code				surface		tolerance		projection		product family			
NOTES 2 & 3				ISO 1302 ✓		ISO 406 ISO 1101				BERGSTIK			
ltr	ecn	no	dr	date		tolerances unless otherwise specified							
AM	ELX-N-13674	DCS	2012-12-12		angles	linear	.XXX±.01/.XXX±.03				title		
				.XXX±.005/.XXX±.013									
AG	M05-0072	MHT	5/03/05		0°±2°	.XXX±.0020/.XXX±.0051		scale 1:1		BERGSTIK® II HEADER .100/2.54 SR SELF-RET			
AH	M06-0269	MNR	7/17/06		dr	D. WHITING 4/19/93							
AJ	M06-0346	MHT	9/04/06		enr	T.HANNA 4/19/93							
AK	M08-0291	MHT	10/06/08		chr	T. BREWBAKER 4/19/93							
AL	N11-0118	J.Z	2011-04-11		appd	T.HANNA 4/19/93							
sheet		revision		AM	AM	AM	AM						
index		sheet		1	2	3	4						

PDS: Rev :AM

STATUS: Released

Printed: Dec 12, 2012

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 (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 13)
XXXXX-4YYHLF	
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
XXXXX-7YY	30u"/0.76u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXXX-8YY	15u"/0.38u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXXX-9YY	15u"/0.38u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXXX-0YY	30u"/0.76u MIN (SEE NOTE 12) 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.
- EIGHT DIGIT PART NUMBERS FOLLOWED BY A "A" ARE PACKAGED IN TAPE AND REEL WITH PICKUP CAPS.
- 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. 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 MANUFACTURER'S 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:
- PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL, OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.
- 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 ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family BERGSTIK
ltr	ecn	no	dr	date	tolerances unless otherwise specified	 INCH/MM scale 1:1 	title BERGSTIK II HEADER .100/2.54 SR SELF-RET
AM					angles linear XX301/XX303 XXX305/XXX303 XXX3020/XXX3051		
					0°±2°		
					dr D. WHITING 4/19/93 enr T.HANNA 4/19/93 chr T. BREWBAKER 4/19/93 appd T.HANNA 4/19/93		
sheet index	revision sheet						dwg no 69190 sheet 2 of 4 size A3
							type Product Customer Drawing

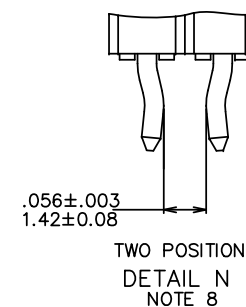
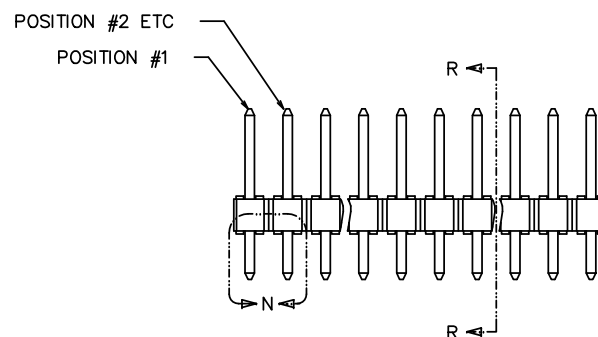
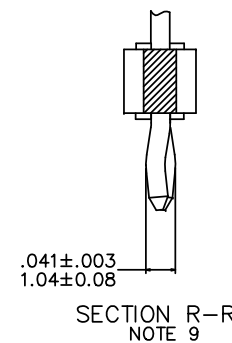
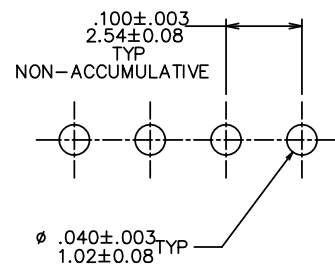
1

2 3

4

5

6



mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr	ecn	no	dr	date	tolerances unless otherwise specified				INCH/MM	title BERGSTIK II HEADER .100/2.54 SR SELF-RET			
AM					angles	linear	XXX±01/XXX±0.3			scale 1:1			
							XXX±005/XXX±0.13						
							XXX±0020/XXX±0.051						
					dr	D. WHITING	4/19/93			dwg no		sheet 3 of 4	size
					enr	T.HANNA	4/19/93			69190		A3	
					chr	T. BREWBAKER	4/19/93						
					appd	T.HANNA	4/19/93						
sheet index		revision sheet								type Product Customer Drawing			

