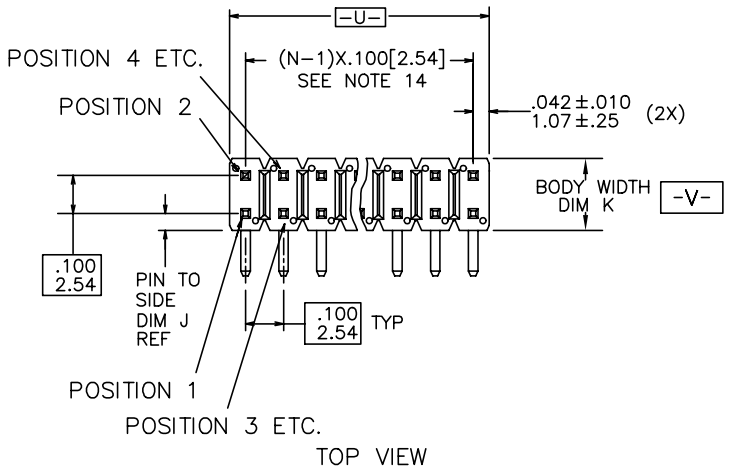
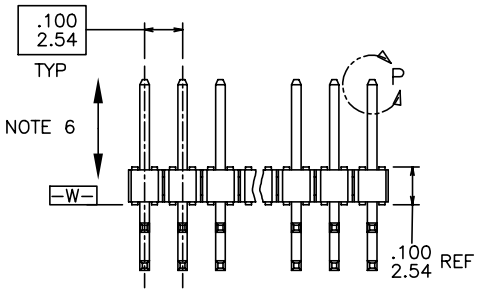
PRODUCT NUMBER

10122297-XYY XXX XLF

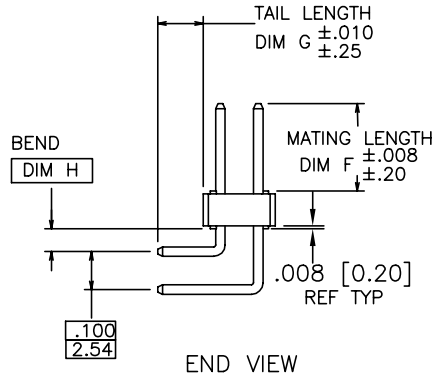
- XLF — LEAD FREE OPTION SEE NOTE 1,7
- XXX — PACKAGING OPTION SEE NOTE 1
- XXX — INDICATE DIFFERENT MATING LENGTH AND TAIL LENGTH AND POLARIZED PIN AND OTHER INFORMATION
- YY — NO OF POSITIONS SEE NOTE 1
- X — PIN PLATING SEE SHEET 2
- 10122297 — BASE PART NO.



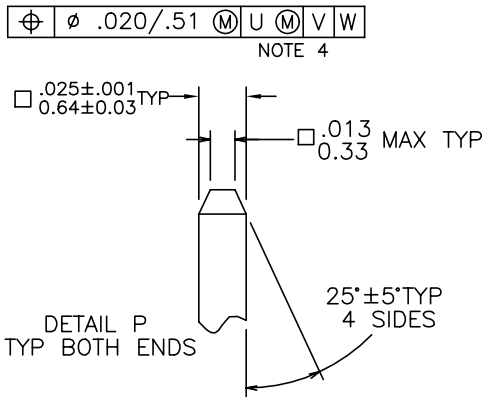
TOP VIEW



SIDE VIEW



END VIEW



mat'l. code NOTES 2 & 3				surface ISO 1302 √		tolerance ISO 406 ISO 1101	projection	product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified				title BERGSTIK® II HEADER .100/2.54cc DR R/A			
A	–	DCS	2012-08-02	angles	linear	.XX?01/.XX±0.3	INCH/MM				
B	ELX-N-14515	ZK	2013-08-05			.XXX?005/.XX±0.13					
C	ELX-N-16429	ZK	2013-12-4	0±2°		.XXXX?0020/.XXX±0.051	scale 1:1				
				dr	J.ZHOU	2012-12-11		dwg no 10122297	sheet 1 of 3	size A3	
				engr	J.ZHOU	2012-12-11					
				chr	J.ZHOU	2012-12-11					
				appd	Rick Bian	2012-12-11		type Product Customer Drawing			

sheet index	revision	C	C
	sheet	1	2
C			
3			

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form: A3

PIN PLATING CODES:	
10122297-1YY	30u"/0.76u MIN (SEE NOTE 8) OVER 50u"/1.27u MIN Ni
10122297-2YY	15u"/0.38u MIN (SEE NOTE 8) OVER 50u"/1.27u MIN Ni
10122297-3YY	50u"/1.27u MIN (SEE NOTE 8) OVER 50u"/1.27u MIN Ni
10122297-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 9)

NOTES

1. PART NUMBER OPTIONS:
   PIN PLATING CODES (SEE ABOVE)
   NUMBER OF POSITION:
   EVEN 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 "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.

2. BODY MATERIAL:
   HIGH TEMP. MATERIAL:
   MANUFACTURER'S OPTION OF NYLON, PCT GLASS FIBER REINFORCED, OR MINERAL FILLED LCP FLAME RETARDENT PER UL-94V-0.
   COLOR: BLACK.
   PART NUMBERS WILL WITHSTAND EXPOSURE TO 260癈 PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

3. PIN MATERIAL: COPPER ALLOY.

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. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

8. PLATING OPTIONS:
   PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL, OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.

9. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

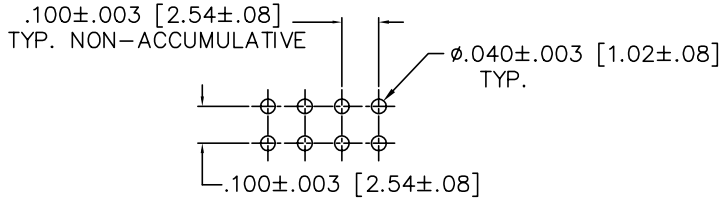
10. THE OAL DON'T EXCEED 31mm
    OAL= MATTING DIM + TAIL DIM +4.0mm<=31mm "WHERE THE SUM OF TAIL LEGTH DON'T EXCEED 27mm" TAIL
    TAIL LENGTH MIN 2.00mm TAIL LENGTH MAX 10.4mm
    MATTING LENGTH MIN 1.5mm MATTING LENGTH MAX 25.4mm

11. INCREMENTS BY 0.1mm IN LENGTH ONLY

12. FOR ESPECIAL PACKAGING REQUEST PLEASE CONTACT PRODUCT MANAGER FOR AVAILABILITY

13. BEND DIMENSION AT 1.5mm ONLY

14. TO DETERMINE DIMENSIONS:
    N=NUMBER OF POSITION PER ROW
    EXAMPLE: 10 POS. N X .100/2.54



RECOMMENDED HOLE PATTERN

mat'l. code	surface	tolerance	projection	product family
NOTES 2 & 3	ISO 1302	ISO 406 ISO 1101		BERGSTIK

ltr	ecn no	dr	date
C			

tolerances unless otherwise specified
angles | linear .XX?01/.XX±0.3 | .XXX?005/.XX±0.13 | .XXXX?0020/.XXX±0.051
0氨2?

INCH/MM
scale 1:1

dr	J.ZHOU	2012-12-11
engr	J.ZHOU	2012-12-11
chr	J.ZHOU	2012-12-11
appd	Rick Bian	2012-12-11

title: BERGSTIK® II HEADER .100/2.54cc DR R/A
dwg no 10122297 | sheet 2 of 3 | size A3
type Product Customer Drawing

sheet index | revision sheet

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form: A3

PDS: Rev :C STATUS: Released Printed: Dec 05, 2013

PRODUCT NUMBER	MATING LENGTH		TAIL LENGTH		BEND DIM		PIN TO SIDE		BODY WIDTH		POLARIZED PIN	LF
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	DIM J	DIM J	DIM K	DIM K		
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC		
10122297–XYY001LF	0.230	5.84	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	2,12	NOTE 1,7
10122297–XYY002LF	0.230	5.84	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	5	
10122297–XYY003LF	0.138	3.51	0.138	3.51	0.060	1.52	0.045	1.14	0.190	4.83	5,6,9,10	
10122297–XYY004LF	0.138	3.51	0.138	3.51	0.060	1.52	0.045	1.14	0.190	4.83	5,6,17,18,21,22	
10122297–XYY005LF	0.230	5.84	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	5,6,15,16	
10122297–XYY006LF	0.138	3.51	0.138	3.51	0.060	1.52	0.045	1.14	0.190	4.83	3,4,7,8	

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mat'l. code NOTES 2 & 3

surface ISO 1302

tolerance ISO 406 ISO 1101

projection

product family BERGSTIK

ltr | ecn no | dr | date

C

tolerances unless otherwise specified

angles 0氨2?

linear .XX?01/.X±0.3 .XXX?005/.XX±0.13 .XXXX?0020/.XXX±0.051

INCH/MM

scale 1:1

title BERGSTIK® II HEADER .100/2.54cc DR R/A

dr	J.ZHOU	2012–12–11
engr	J.ZHOU	2012–12–11
chr	J.ZHOU	2012–12–11
appd	Rick Bian	2012–12–11

dwg no 10122297

sheet 3 of 3

size A3

type Product Customer Drawing

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