

PRODUCT NUMBER

10122297-XXX XLF

LEAD FREE OPTION  
SEE NOTE 1,7

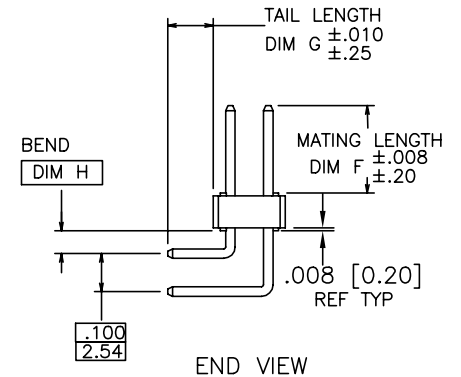
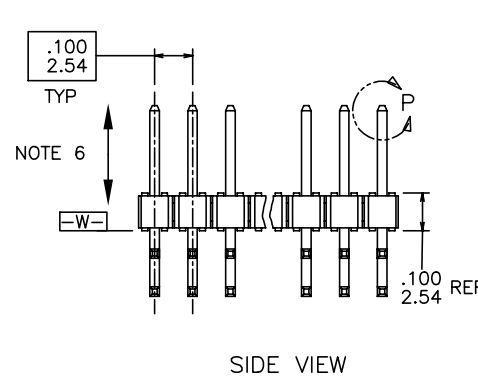
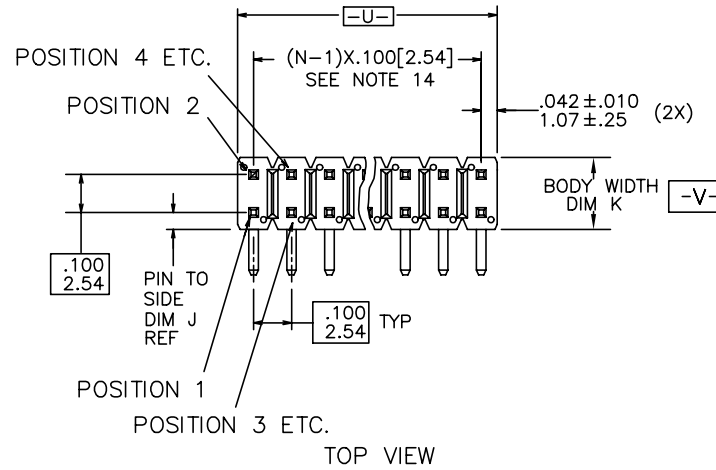
PACKAGING OPTION  
SEE NOTE 1

INDICATE DIFFERENT MATING LENGTH  
AND TAIL LENGTH AND POLARIZED PIN  
AND OTHER INFORMATION

NO OF  
POSITIONS  
SEE NOTE 1

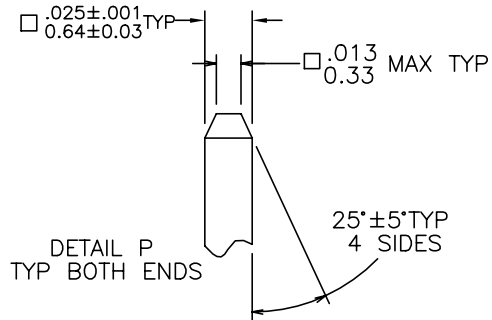
PIN PLATING  
SEE SHEET 2

BASE PART NO.



$\oplus$	$\phi$	$.020 / .51$	$\textcircled{M}$	U	$\textcircled{M}$	V	W
----------	--------	--------------	-------------------	---	-------------------	---	---

NOTE 4



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

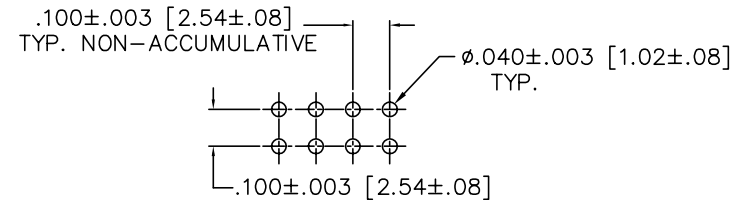
PIN PLATING CODES:

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)

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

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°C 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.



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		tolerances unless otherwise specified		title	
c						angles linear .XX01/.X40.3 .XXX005/.XXX0.13 .XXXX0020/.XXX0.051		INCH/MM scale 1:1	
				dr	J.ZHOU	2012-12-11			sheet 2 of 3 size 10122297 A3
				enrg	J.ZHOU	2012-12-11			dwg no
				chr	J.ZHOU	2012-12-11			10122297
				appd	Rick Egan	2012-12-11			type
sheet index	revision sheet								Product Customer Drawing

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	

A

A

B

B

C

C

D

D



FCIconnect.com

Copyright FCI

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				title	
c				angles	linear	INCH/MM		BERGSTIK® II HEADER	
				0氣??		scale 1:1		.100/2.54cc DR R/A	
		dr	J.ZHOU	2012-12-11				dwg no sheet 3 of 3 size	
		enr	J.ZHOU	2012-12-11				10122297 A3	
		chr	J.ZHOU	2012-12-11				type Product Customer Drawing	
		appd	Rick Egan	2012-12-11					
sheet index	revision sheet								

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Headers & Wire Housings](#) category:*

*Click to view products by [Amphenol](#) manufacturer:*

Other Similar products are found below :

[892-18-020-10-001101](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [009176003701906](#) [0050291907](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#)  
[609-3404](#) [61062-3](#) [622-0430](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [641991-4](#) [644827-2](#) [65817-010LF](#)  
[65817-015LF](#) [65863-015LF](#) [66207-023LF](#) [67095-007LF](#) [67601157](#) [68648-049](#) [70.362.1628.0](#) [70-4210](#) [70-4226B](#) [70-4853B](#) [707-5020](#) [707-5028](#) [71.350.2428.0](#) [71918-208LF](#) [71961-016LF](#) [733-134](#) [733-162](#) [754199-000](#) [760-3052](#) [787-8014-00](#) [79531-3000](#) [FCN-360C032-B](#) [FCN-367T-T012/H](#) [FCN-723D010/2](#) [80.063.4001.1](#) [800-90-001-10-001000](#) [800-90-010-10-002000](#) [801-43-002-10-013000](#) [801-43-006-10-002000](#)