

PRODUCT NUMBER

10122297-XXXLXLF

LEAD FREE OPTION
SEE NOTE 1,7

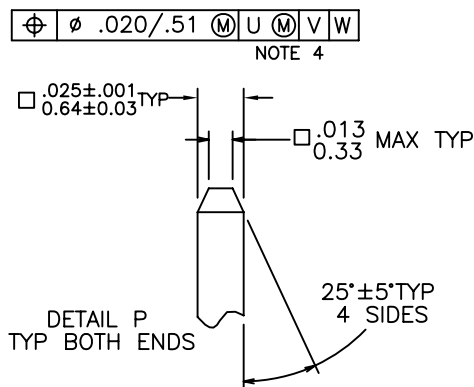
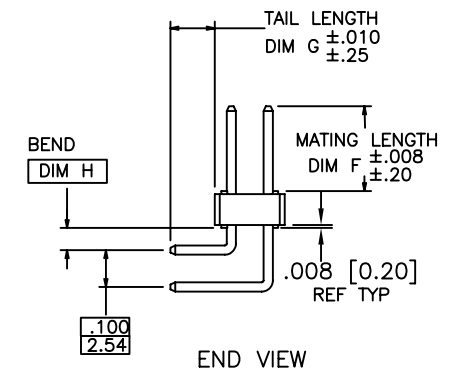
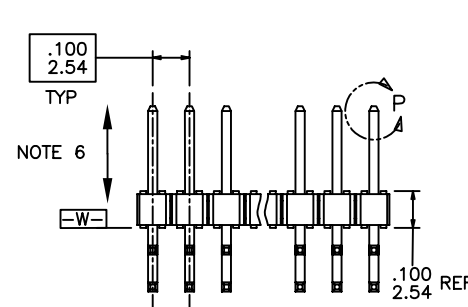
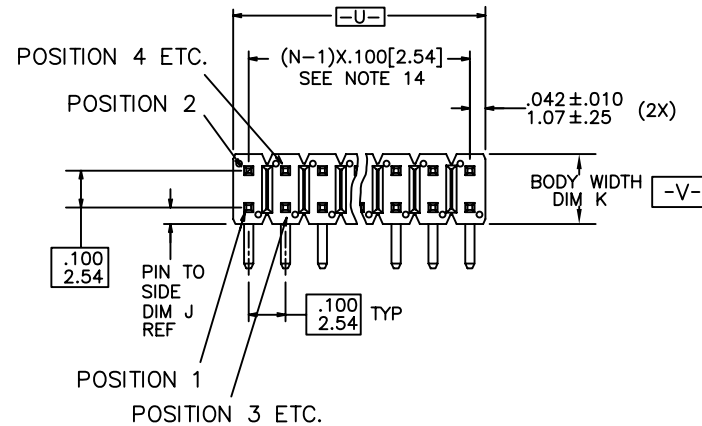
PACKAGING OPTION
SEE NOTE 1

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.



mat'l. code				surface		tolerance		projection	product family						
NOTES 2 & 3				ISO 1302 ✓		ISO 406 ISO 1101			BERGSTIK						
ltr	ecr	no	dr	date				tolerances unless otherwise specified							
A	—	DCS	2012/08/02		angles	linear	.XXX01/.X±0.3		INCH/MM	BERGSTIK® II HEADER .100/2.54cc DR R/A					
B	ELX-N-14515	ZK	2013/08/05				.XXX005/.X±0.13								
C	ELX-N-16429	ZK	2013/12/04				.XXX00200/.XXX±0.051								
D	ELX-N-19199	JH	2014/10/27	dr	J.ZHOU		2012-12-11		scale 1:1	dwg no					
E	ELX-N-16429	JH	2015/02/12	enr	J.ZHOU		2012-12-11						sheet 1 of 3 size		
				chr	J.ZHOU		2012-12-11								
				appd	Rick Bian		2012-12-11		FCI	10122297			A3		
								type Product Customer Drawing							
sheet index	revision sheet	E	E	E											
		1	2	3											

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°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.

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

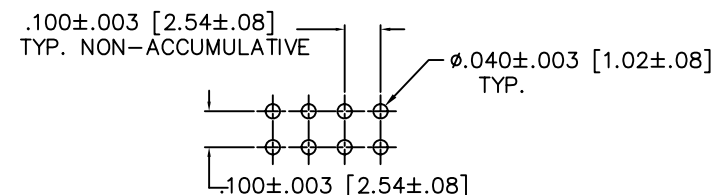
12. FOR ESPECIAL PACKAGING REQUEST PLEASE CONTACT PRODUCT MANAGER FOR AVAILABILITY

13. BEND DIMENSION AT 1.5mm ONLY

14. TO DETERMINE DIMENSIONS:

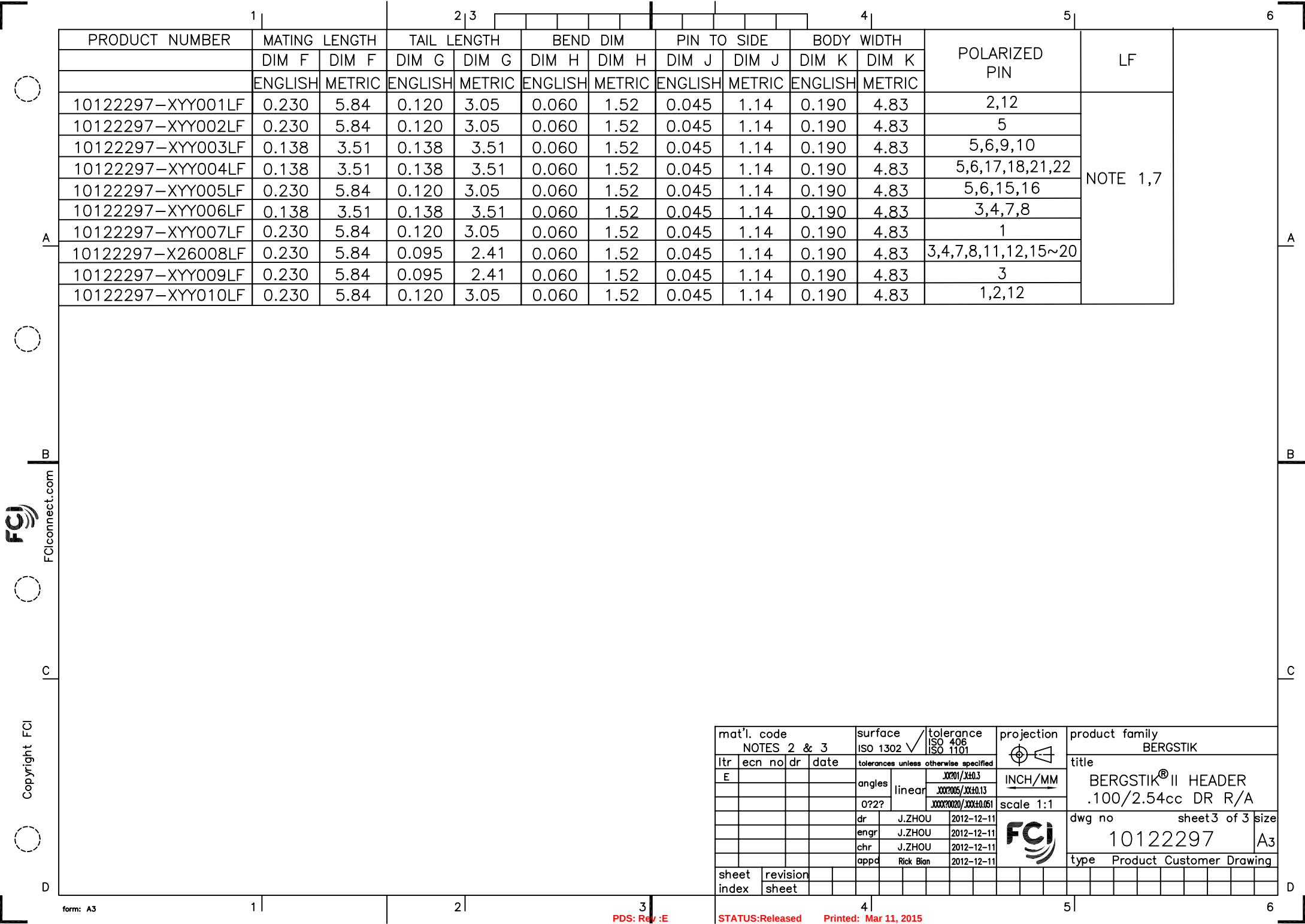
N=NUMBER OF POSITION PER ROW

EXAMPLE: 10 POS. N X .100/2.54



RECOMMENDED HOLE PATTERN

mat'l. code NOTES 2 & 3		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family BERGSTIK
ltr	ecn	no	dr	date	title
E					BERGSTIK® II HEADER .100/2.54cc DR R/A
		angles	linear	scale 1:1	
		0°2°?			
		dr	J.ZHOU	2012-12-11	dwg no
		enr	J.ZHOU	2012-12-11	sheet 2 of 3
		chr	J.ZHOU	2012-12-11	size
		app	Rick Bian	2012-12-11	A3
sheet	revision				type
index	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-YYY001LF	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-YYY002LF	0.230	5.84	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	5	
10122297-YYY003LF	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-YYY004LF	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-YYY005LF	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-YYY006LF	0.138	3.51	0.138	3.51	0.060	1.52	0.045	1.14	0.190	4.83	3,4,7,8	
10122297-YYY007LF	0.230	5.84	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	1	
10122297-X26008LF	0.230	5.84	0.095	2.41	0.060	1.52	0.045	1.14	0.190	4.83	3,4,7,8,11,12,15~20	
10122297-YYY009LF	0.230	5.84	0.095	2.41	0.060	1.52	0.045	1.14	0.190	4.83	3	
10122297-YYY010LF	0.230	5.84	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	1,2,12	

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			
E						angles	linear	.001/.005		BERGSTIK® II HEADER .100/2.54cc DR R/A			
								.00005/.00013					
						0°2°?		.000020020/.0001051					
									INCH/MM	scale 1:1			
						dr	J.ZHOU	2012-12-11		dwg no		sheet3 of 3	size
						enrg	J.ZHOU	2012-12-11		10122297		A3	
						chr	J.ZHOU	2012-12-11		type Product Customer Drawing			
						appd	Rick Bian	2012-12-11					
sheet index		revision sheet											