

PRODUCT NUMBER

10118884-XXX XXX XLF

LEAD FREE
(SEE NOTE 1,10)

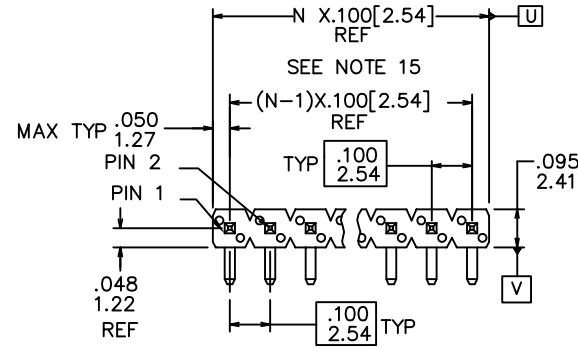
PACKAGING OPTIONS
(SEE NOTE 1)

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

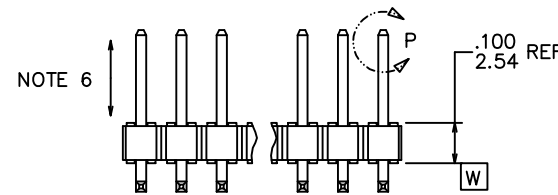
NO OF
POSITIONS
(SEE NOTE 1)

PIN PLATING
(SEE SHEET 2)

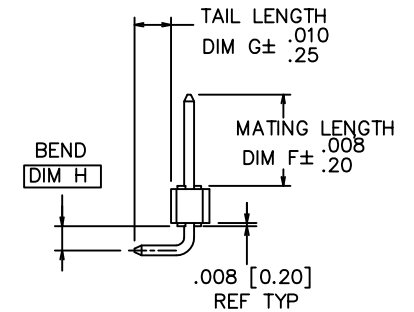
BASE PART NO.



TOP VIEW



SIDE VIEW



END VIEW

Ø.020/0.51 M U M V S W NOTE 4

.025±.001
0.64±0.03 TYP

.013 MAX TYP
0.33

25°±5° TYP
4 SIDES

DETAIL P
TYP BOTH ENDS

mat'l. code				surface		tolerance		projection	product family		
NOTE 2 & 3				ISO 1302 ✓		ISO 406 ISO 1101			BERGSTIK		
ltr	ecn	no	dr	date	tolerances unless otherwise specified				title		
A	--	JZ		2011-10-21	angles	linear	.XX±.01/.X±.3		BERGSTIK II HEADER D/R		
B	ELX-N-13546	DCS		2012-11-28			.XXX±0.005/.XX±.13	INCH/MM	.100/2.54cc SR R/A		
C	ELX-N-13546	ZK		2013-10-13	0°±2°		.XXXX±0.020/.XXX±.051	scale 2:1			
D	ELX-N-16730	ZK		2014-01-15	dr	J ZHOU	2011-10-21		dwg no		
E	ELX-N-17811	ZK		2014-05-30	enr	J ZHOU	2011-10-21		sheet1 of 3		size
F	ELX-N-19815	JH		2014-12-22	chr	J ZHOU	2011-10-21		10118884		A3
G	ELX-N-23120	MZ		2016-01-25	appd	J ZHOU	2011-10-21		type		Product Customer Drawing
sheet	revision	G	G	G							
index	sheet	1	2	3							

PIN PLATING CODES:	
10118884-1YYXXLF	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
10118884-2YYXXLF	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
10118884-3YYXXLF	50u"/1.27u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
10118884-4YYXXLF	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 10)
10118884-5YYXXLF	30u"/0.76u MIN Au OVER 50u"/1.27u MIN Ni
10118884-6YYXXLF	15u"/0.38u MIN Au OVER 50u"/1.27u MIN Ni
10118884-7YYXXLF	15u"/0.38u MIN GXT OVER 50u"/1.27u MIN Ni
10118884-8YYXXLF	30u"/0.76u MIN GXT OVER 50u"/1.27u MIN Ni

NOTES

1. PART NUMBER OPTIONS:

PIN PLATING CODES (SEE ABOVE)

HIGH TEMP. MATERIAL:

PART NUMBERS WILL BE SUPPLIED WITH

HIGH TEMPERATURE PLASTIC.

NUMBER OF POSITION:

ANY NUMBER OF POSITIONS FROM 1 THRU 36.

PACKAGING:

PACKAGED IN POLY BAGS.

THE FIFTEENTH DIGIT PART NUMBERS FOLLOWED BY A "T" ARE PACKAGED IN TUBES.

THE FIFTEENTH DIGIT PART NUMBERS FOLLOWED BY A "A" ARE PACKAGED IN TAPE AND REEL WITH CAP (DETAIL AS FIGURE 1).

LEAD FREE:

ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE.

2. BODY MATERIAL:

MANUFACTURER'S OPTION OF NYLON OR PCT, GLASS FIBER REINFORCED, OR LCP MINERAL FIED 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: 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. MILITARY BERGSTIK HEADER

P/N XXXXX-XY-MIL NOT AVAILABLE.

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

9. PLATING OPTIONS:

MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

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

11. THE OAL DON'T EXCEED 31mm

12 INCREMENTS BY 0.1mm IN LENGTHS ONLY

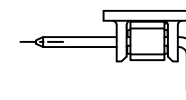
13. FOR SPECIAL PACKAGING REQUEST PLEASE CONTACT PRODUCT MANAGER FOR AVAILABILITY

14. BEND DIMENSIONS AT 1.5mm , CAN BE UPDATED PER CUSTOMER REQUEST.

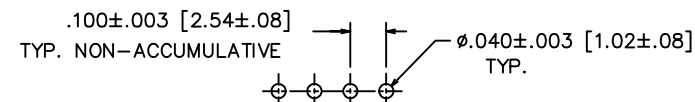
15. TO DETERMINE DIMENSIONS:

N=NUMBER OF POSITION PER ROW

EXAMPLE: 10 POS. N X .100/2.54



CAP ASSEMBLY SKETCH
FIGURE 1



RECOMMENDED HOLE PATTERN

mat'l. code		surface		tolerance		projection		product family	
NOTE 2 & 3		ISO 1302		ISO 406		ISO 1101		BERGSTIK	
ltr	ecn	no	dr	date	tolerances unless otherwise specified		INCH/MM		title
G					angles	linear	scale 2:1		BERGSTIK II HEADER D/R
					0°±2°				.100/2.54cc SR R/A
					dr	J ZHOU	2011-10-21	dwg no	sheet 2 of 3
					enr	J ZHOU	2011-10-21	10118884	A3
					chr	J ZHOU	2011-10-21	type Product Customer Drawing	
					appd	J ZHOU	2011-10-21		
sheet index	revision	sheet							

PRODUCT NUMBER	MATING LENGTH		TAIL LENGTH		BEND DIM		POLARIZED PIN	LF
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H		
	INCH	MM	INCH	MM	INCH	MM		
10118884-XY001LF	0.230	5.84	0.295	7.49	0.060	1.52	—	NOTE 1,10
10118884-XY002LF	0.244	6.20	0.120	3.05	0.060	1.52	2,3,4	NOTE 1,10
10118884-XY003LF	0.138	3.50	0.238	6.05	0.060	1.52	2,3,4	NOTE 1,10
10118884-XY004LF	0.230	5.84	0.120	3.05	0.060	1.52	—	NOTE 1,10
10118884-XY005LF	0.157	4.00	0.238	6.05	0.060	1.52	—	NOTE 1,10
10118884-XY006LF	0.300	7.62	0.120	3.05	0.060	1.52	—	NOTE 1,10
10118884-XY007LF	0.230	5.84	0.090	2.29	0.060	1.52	—	NOTE 1,10
10118884-XY008LF	0.230	5.84	0.390	9.91	0.060	1.52	—	NOTE 1,10
10118884-XY009LF	0.318	8.08	0.120	3.05	0.060	1.52	—	NOTE 1,10
10118884-XY010LF	0.230	5.84	0.590	14.99	0.060	1.52	—	NOTE 1,10
10118884-XY011LF	0.157	4.00	0.238	6.05	0.060	1.52	2,3,4,5	NOTE 1,10
10118884-XY012LF	0.157	4.00	0.238	6.05	0.060	1.52	2,3,	NOTE 1,10
10118884-XY013LF	0.138	3.50	0.238	6.05	0.060	1.52	2,3,4,5	NOTE 1,10
10118884-XY014LF	0.359	9.12	0.118	3.00	0.157	4.0	—	NOTE 1,10

mat'l. code NOTES 2 & 3					surface 58 ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK							
ltr		ecn		no		dr		date		tolerances unless otherwise specified			title					
D		ELX-N-16730		ZK				2014-01-15		angles		linear		.XX±.01/.XX±.3		BERGSTIK II HEADER D/R		
E		ELX-N-17811		ZK				2014-05-30						.XXX±0.005/.XXX±.13		.100/2.54cc SR R/A		
F		ELX-N-19815		JH				2014-12-22		0°±2°				.XXX±0.002/.XXX±.05		scale 2:1		
G		ELX-N-23120		MZ				2016-01-25		dr		J ZHOU		2011-10-21		dwg no		
										eng		J ZHOU		2011-10-21		sheet 3 of 3		
										chr		J ZHOU		2011-10-21		size		
										appd		J ZHOU		2011-10-21		A3		
																type Product Customer Drawing		
sheet index		revision		G		G		G										
		sheet		1		2		3										