

PRODUCT NUMBER

10118884-XXX XXX XLF

LEAD FREE
(SEE NOTE 1,10)

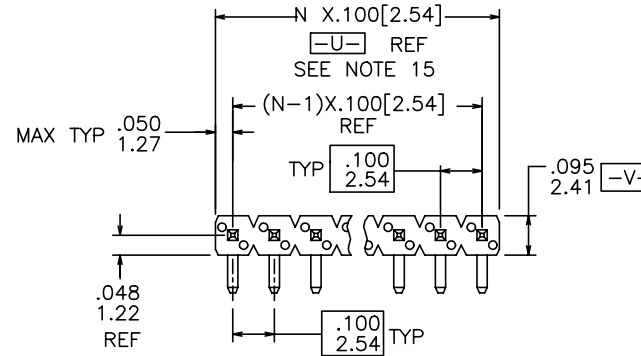
PACKAGING OPTIONS
(SEE NOTE 1)

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

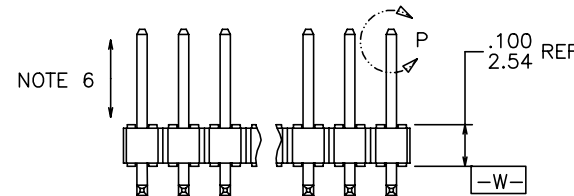
NO OF
POSITIONS
(SEE NOTE 1)

PIN PLATING
(SEE SHEET 2)

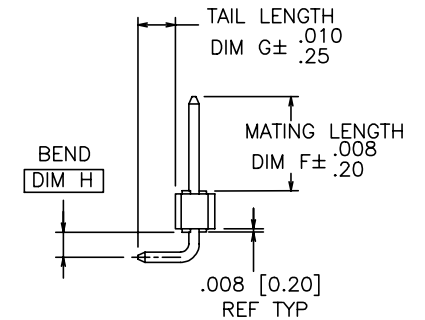
BASE PART NO.



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
0.33 MAX TYP

25°±5° TYP
4 SIDES

DETAIL P
TYP BOTH ENDS

mat'l. code NOTE 2 & 3					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK														
ltr		ecn		no		dr		date		tolerances unless otherwise specified															
A		--		JZ		2011-10-21		angles		linear		.XX±.01/.XX±.3													
B		ELX-N-13546		DCS		2012-11-28						.XXX±0.005/.XXX±.13													
C		ELX-N-13546		ZK		2013-10-13		0°±2°				.XXXX±0.020/.XXX±.05													
								dr		J ZHOU		2011-10-21													
								enr		J ZHOU		2011-10-21													
								chr		J ZHOU		2011-10-21													
								appd		J ZHOU		2011-10-21													
												scale 2:1													
										dwg no					sheet 1 of 3					size					
										10118884										A3					
										type					Product Customer Drawing										
sheet index		revision sheet		C		C		C																	

PDS: Rev :C

STATUS: Released

Printed: Oct 14, 2013

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.

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.

2. BODY MATERIAL:

MANUFACTURER'S OPTION OF NYLON OR PCT, GLASS FIBER
REINFORCED, OR LCP MINERAL FILED 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

OAL= MATTING DIM+4.0mm<31mm WHERE THE SUM OF TAIL AND MATTING
LENGTH DON'T EXCEED 27mm

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 ONLY

15. TO DETERMINE DIMENSIONS:

N=NUMBER OF POSITION PER ROW

EXAMPLE: 10 POS. N X .100/2.54

.100±.003 [2.54±.08]
TYP. NON-ACCUMULATIVE

∅.040±.003 [1.02±.08]
TYP.

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						
B2					angles	linear	$.XX\pm.01/.XX\pm.3$				
							$.XXX\pm.005/.XXX\pm.13$				
							$.XXXX\pm.0020/.XXX\pm.051$				
					$0^\circ\pm 2^\circ$		INCH/MM				
							scale 2:1				
					dr	J ZHOU	2011-10-21			dwg no	
					enr	J ZHOU	2011-10-21			sheet 2 of 3	
					chr	J ZHOU	2011-10-21			10118884	
					appd	J ZHOU	2011-10-21			A3	
sheet index		revision sheet								type Product Customer Drawing	

1		2		3							4		5	6
PRODUCT NUMBER		MATING LENGTH		TAIL LENGTH		BEND DIM		POLARIZED PIN	LF					
		DIM F	DIM F	DIM G	DIM G	DIM H	DIM H							
		ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC							
10118884-YYY001LF		0.230	5.84	0.295	7.49	0.060	1.52	-	NOTE 1,10					
10118884-YYY002LF		0.244	6.20	0.120	3.05	0.060	1.52	2,3,4	NOTE 1,10					
10118884-YYY003LF		0.138	3.50	0.238	6.05	0.060	1.52	2,3,4	NOTE 1,10					
10118884-YYY004LF		0.230	5.84	0.120	3.05	0.060	1.52	-	NOTE 1,10					
10118884-YYY005LF		0.157	4.00	0.238	6.05	0.060	1.52	-	NOTE 1,10					
10118884-YYY006LF		0.300	7.62	0.120	3.05	0.060	1.52	-	NOTE 1,10					



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