

PRODUCT NUMBER
10118615-XXX XLF

LEAD FREE OPTION
(SEE NOTES 1)

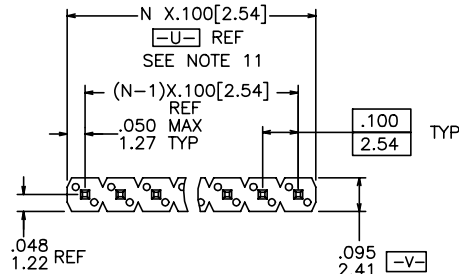
PACKAGING OPTIONS
(SEE NOTE 1)

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

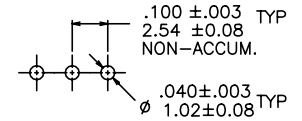
NO. OF
POSITIONS
(SEE NOTE 1)

PIN PLATING
(SEE SHEET 2)

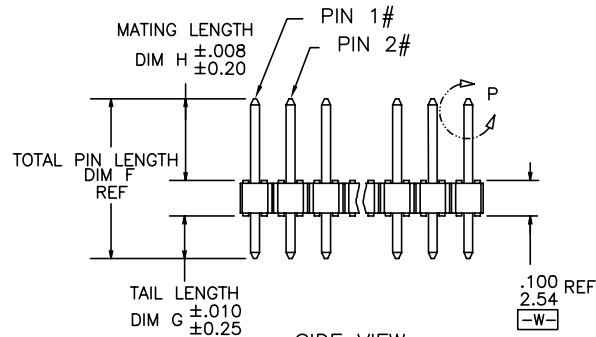
BASE PART NO.



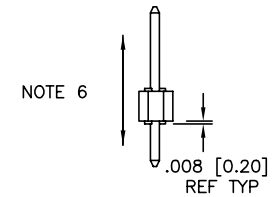
TOP VIEW



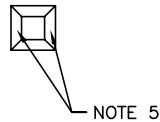
RECOMMENDED HOLE PATTERN



SIDE VIEW

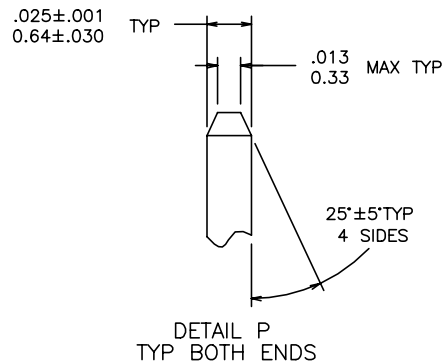


END VIEW



NOTE 5

NOTE 4: $\phi .020/.51$ (M) U (M) V (S) W



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		INCH/MM	title			
A	---	ZK	09/02/11	angles	linear		BERGSTIK® II HEADER			
B	ELX-N-010289	J.Z	02/13/12				.100/2.54cc SR SRAIGHT			
C	ELX-N-013189	DCS	10/08/12	0±2'		scale 2:1	dwg no			
D	ELX-N-13426	DCS	11/09/12	dr	ZK.HU	09/02/11	sheet 1 of 4 size			
E	ELX-N-18154	Henry	06/16/14	enr	ZK.HU	09/02/11	10118615			
				chr	J.ZHOU	09/02/11	A3			
				appd	R.BIAN	09/02/11	type Product Customer Drawing			
sheet index	revision	E	E	E	E					
	sheet	1	2	3	4					

PIN PLATING	CODES:
10118615-1YXXXXLF	30u"/0.76u MIN (SEE NOTE 8) OVER 50u"/1.27u MIN Ni
10118615-2YXXXXLF	15u"/0.38u MIN (SEE NOTE 8) OVER 50u"/1.27u MIN Ni
10118615-3YXXXXLF	50u"/1.27u MIN (SEE NOTE 8) OVER 50u"/1.27u MIN Ni
10118615-4YXXXX	20u"/0.5u TO 400u"/10u SnPb OVER 50u"/1.27u MIN Ni
10118615-4YXXXXLF	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 9)
10118615-5YXXXXLF	30u"/0.76u MIN Au OVER 50u"/1.27u MIN Ni
10118615-6YXXXXLF	15u"/0.38u MIN Au OVER 50u"/1.27u MIN Ni
10118615-7YXXXXLF	15u"/0.38u MIN GXT OVER 50u"/1.27u MIN Ni
10118615-8YXXXXLF	30u"/0.76u MIN GXT OVER 50u"/1.27u MIN Ni
10118615-9YXXXXLF	50u"/1.27u MIN Au OVER 50u"/1.27u MIN Ni

NOTES

①. PART NUMBER OPTIONS:

PIN PLATING CODES (SEE ABOVE)

NUMBER OF POSITIONS :

ANY NUMBER OF POSITIONS FROM 1 THRU 36.
-X00 INDICATES BERGSTRIK PRODUCT. SEE PAGE 3 FOR
SPECIAL GEOMETRY OF THIS CONTINUOUS STRIP PRODUCT.
AUTOMATED REELS WILL CONTAIN 36,000 PINS.
SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.

PACKAGING :

NO INDICATOR IS STANDARD PACKAGING IN POLY BAGS.
PART NUMBERS FOLLOWED BY A "T" ARE PACKAGED
IN TUBES. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.
PART NUMBERS FOLLOWED BY A "C" ARE PACKAGED
IN TUBES WITH PICKUP CAP APPLIED. (NOT TOOLED)
PART NUMBERS FOLLOWED BY A "A" ARE PACKAGED
IN TAPE/REEL WITH PICKUP CAP APPLIED.

LEAD FREE :



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

②. BODY MATERIAL :

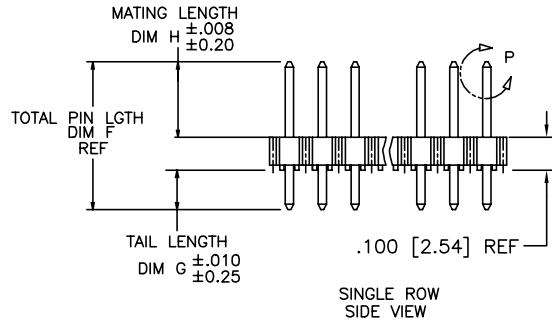
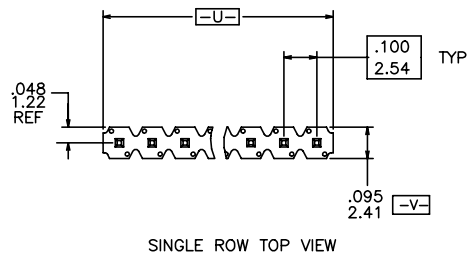
PART NUMBERS WILL BE SUPPLIED WITH HIGH TEMPERATURE
THEROPLASTIC.

PART NUMBERS WILL WITHSTAND EXPOSURE
TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN
WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

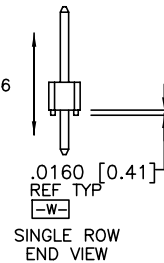
- ③. PIN MATERIAL : COPPER ALLOY.
- ④. MEASURED WITH PART IN RESTRAINED CONDITION.
- ⑤. TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS.
- ⑥. 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.
- ⑦. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- ⑧. PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.
- 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 34.5mm.
- ⑪. TO DETERMINE DIMENSIONS:
N=NUMBER OF POSITION PER ROW
EXAMPLE: 10 POS. N X .100/2.54

mat'l. code NOTE 2 & 3					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK													
ltr		ecr		no		dr		date		tolerances unless otherwise specified														
E										angles		linear		XXXXX.XX.XX		INCH/MM		title BERGSTIK® II HEADER .100/2.54cc SR SRAIGHT						
												0±2'		XXXXX.XX.XX		XXXXX.XX.XX		scale 2:1						
										dr		ZK.HU		09/02/11				dwg no		sheet 2 of 4		size		
										enr		ZK.HU		09/02/11				10118615		A3				
										chr		J.ZHOU		09/02/11										
										appd		R.BIAN		09/02/11										
sheet index		revision sheet																type		Product Customer Drawing				

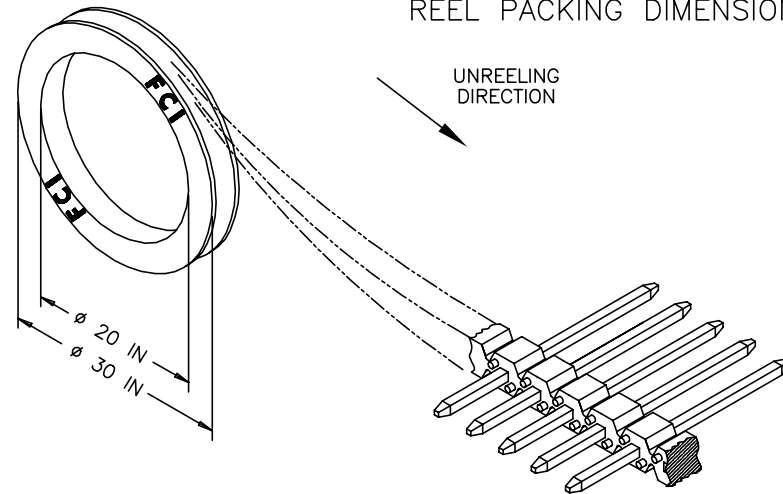
BERGSTRIPTM HEADER



NOTE 6



REEL PACKING DIMENSIONS



mat'l. code NOTE 2 & 3		surface ISO 1302	tolerance ISO 406 ISO 1101	projection INCH/MM	product family BERGSTIK
ltr	ecn no dr	date	tolerances unless otherwise specified	scale 2:1	title BERGSTIK® II HEADER .100/2.54cc SR SRAIGHT
E			angles linear 0±2'		
			dr ZK.HU 09/02/11		dwg no 10118615 sheet 3 of 4 size A3
			enr ZK.HU 09/02/11		
			chr J.ZHOU 09/02/11		
			app R.BIAN 09/02/11		
sheet index	revision sheet				type Product Customer Drawing

1		2		3		4		5		6	
PRODUCT NUMBER		TOTAL PIN LGTH		TAIL LENGTH		MATING LENGTH		BERGSTRIPTM		POLARIZED	
		DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	AVAILABLE		PIN	
		ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC			OPTION	
10118615-XXY001LF		0.548	13.92	0.130	3.30	0.318	8.08	NO		-	
10118615-XXY002LF		1.095	27.81	0.765	19.43	0.230	5.84	NO		-	
10118615-XXY003LF		0.555	14.10	0.120	3.05	0.335	8.51	NO		-	
10118615-XXY004LF		0.350	8.90	0.098	2.50	0.152	3.86	NO		-	
10118615-XXY005LF		0.825	20.96	0.500	12.70	0.225	5.72	NO		-	
10118615-XXY006LF		0.631	16.04	0.1575	4.00	0.374	9.50	NO		-	
10118615-XXY007LF		0.474	12.04	0.079	2.00	0.295	7.50	NO		-	
10118615-XXY008LF		0.530	13.47	0.135	3.43	0.295	7.50	NO		-	
10118615-XXY009LF		0.315	8.00	0.095	2.41	0.120	3.05	NO		-	
10118615-XXY010LF		0.525	13.34	0.107	2.72	0.318	8.08	NO		-	
10118615-XXY011LF		0.650	16.51	0.120	3.05	0.430	10.92	NO		-	
10118615-XXY012LF		0.480	12.19	0.095	2.41	0.285	7.24	NO		-	
10118615-XXY013LF		0.475	12.07	0.120	3.05	0.255	6.48	NO		-	
10118615-XXY014LF		0.825	20.96	0.115	2.92	0.610	15.49	NO		-	
10118615-XXY015LF		0.538	13.67	0.120	3.05	0.318	8.08	NO		-	
10118615-XXY016LF		0.938	23.83	0.520	13.21	0.318	8.08	NO		-	
10118615-XXY017LF		0.440	11.18	0.110	2.79	0.230	5.84	NO		-	
10118615-XXY018LF		0.720	18.29	0.120	3.05	0.500	12.07	NO		-	
10118615-XXY019LF		0.760	19.30	0.120	3.05	0.540	13.72	NO		-	
10118615-XXY020LF		0.410	10.41	0.110	2.79	0.200	5.08	NO		-	
10118615-XXY021LF		0.425	10.80	0.095	2.41	0.230	5.84	YES		-	
10118615-XXY022LF		0.704	17.88	0.469	11.91	0.135	3.43	NO		-	
10118615-X25023LF		0.538	13.67	0.120	3.05	0.318	8.08	NO		2,4,5,6,8,10,12,14,16,18,20,22,24	
10118615-X15024LF		0.538	13.67	0.120	3.05	0.318	8.08	NO		2,4,5,6,8,10,12,14	
10118615-X07025LF		0.450	11.43	0.120	3.05	0.230	5.84	NO		2,4,6	
10118615-XXY026LF		0.450	11.43	0.120	3.05	0.230	5.84	NO			
10118615-XXY027LF		0.615	15.62	0.115	2.92	0.400	10.16	NO			
10118615-XXY028LF		0.813	20.65	0.483	12.27	0.230	5.84	NO			
10118615-XXY029LF		0.453	11.50	0.028	0.70	0.325	8.26	NO			

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ltr	ecn	no	dr	date				tolerances unless otherwise specified		title					
E								angles	linear	BERGSTIK® II HEADER					
								0±2'		.100/2.54cc SR SRAIGHT					
								dr	ZK.HU	09/02/11	dwg no				
								enrg	ZK.HU	09/02/11	sheet 4 of 4 size				
								chr	J.ZHOU	09/02/11	10118615				
								appd	R.BIAN	09/02/11	A3				
sheet index		revision sheet								type Product Customer Drawing					