

PRODUCT NUMBER

10118615-XXX XLF

LEAD FREE OPTION
(SEE NOTES 1)

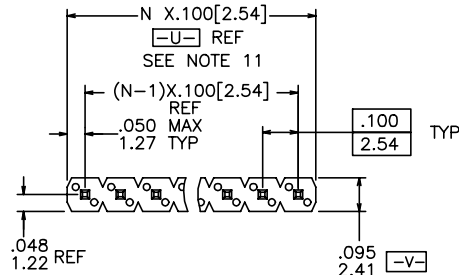
PACKAGING OPTIONS
(SEE NOTE 1)

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

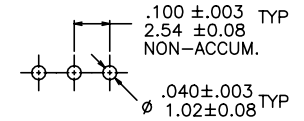
NO. OF
POSITIONS
(SEE NOTE 1)

PIN PLATING
(SEE SHEET 2)

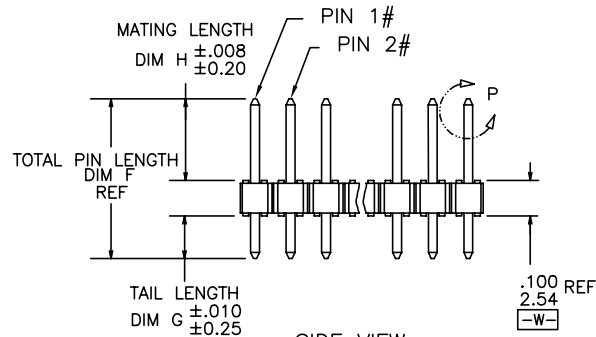
BASE PART NO.



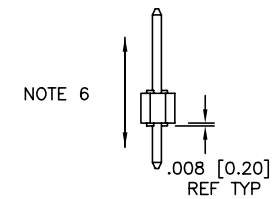
TOP VIEW



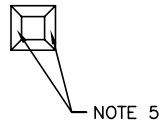
RECOMMENDED HOLE PATTERN



SIDE VIEW



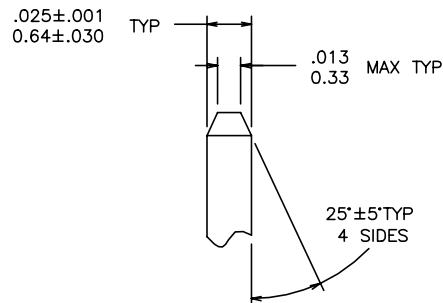
END VIEW



NOTE 5

⊕	∅.020/.51	(M)	(U)	(M)	(V)	(S)	(W)
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NOTE 4



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					title					
A	---	ZK	09/02/11		angles	linear	 .0001 / .0013			BERGSTIK® II HEADER					
B	ELX-N-010289	J.Z	02/13/12				 .0005 / .0013			.100/2.54cc SR SRAIGHT					
C	ELX-N-013189	DCS	10/08/12	0±2'			 .0005 / .0013			scale 2:1					
D	ELX-N-13426	DCS	11/09/12	dr	ZK.HU	09/02/11			dwg no		sheet 1 of 4		size		
E	ELX-N-18154	Henry	06/16/14	enr	ZK.HU	09/02/11			10118615		A3				
				chr	J.ZHOU	09/02/11			type		Product Customer Drawing				
				appd	R.BIAN	09/02/11									
sheet	revision	E	E	E	E										
index	sheet	1	2	3	4										

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

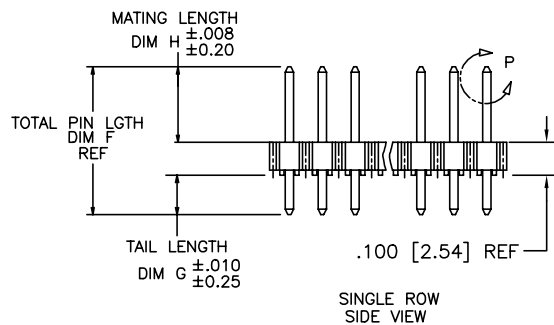
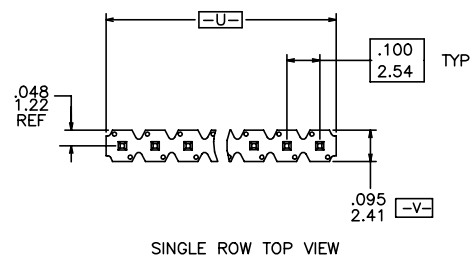
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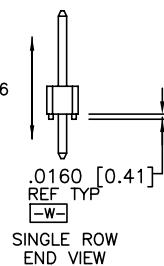
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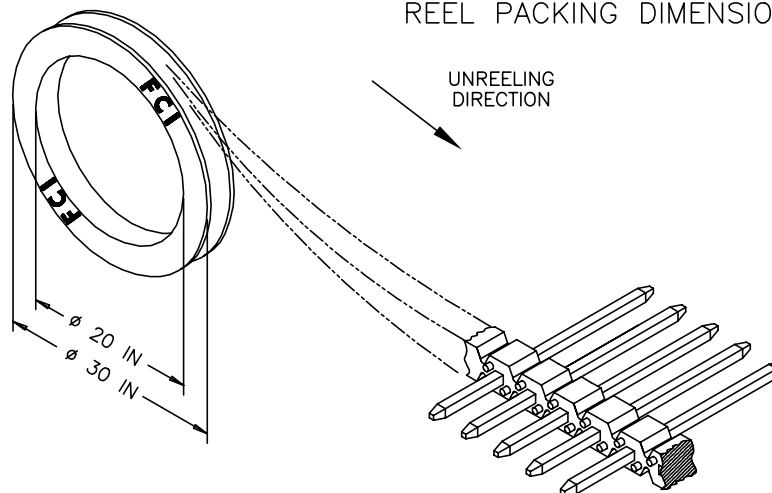
BERGSTRIPTM HEADER



NOTE 6



REEL PACKING DIMENSIONS



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	
E					angles	linear		BERGSTIK® II HEADER	
					0±2°		INCH/MM	.100/2.54cc SR SRAIGHT	
					dr	ZK.HU	09/02/11	dwg no	sheet 3 of 4 size
					enr	ZK.HU	09/02/11	10118615	A3
					chr	J.ZHOU	09/02/11	type Product Customer Drawing	
					appd	R.BIAN	09/02/11		
sheet index	revision sheet								

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-YYY001LF		0.548	13.92	0.130	3.30	0.318	8.08	NO		-	
10118615-YYY002LF		1.095	27.81	0.765	19.43	0.230	5.84	NO		-	
10118615-YYY003LF		0.555	14.10	0.120	3.05	0.335	8.51	NO		-	
10118615-YYY004LF		0.350	8.90	0.098	2.50	0.152	3.86	NO		-	
10118615-YYY005LF		0.825	20.96	0.500	12.70	0.225	5.72	NO		-	
10118615-YYY006LF		0.631	16.04	0.1575	4.00	0.374	9.50	NO		-	
10118615-YYY007LF		0.474	12.04	0.079	2.00	0.295	7.50	NO		-	
10118615-YYY008LF		0.530	13.47	0.135	3.43	0.295	7.50	NO		-	
10118615-YYY009LF		0.315	8.00	0.095	2.41	0.120	3.05	NO		-	
10118615-YYY010LF		0.525	13.34	0.107	2.72	0.318	8.08	NO		-	
10118615-YYY011LF		0.650	16.51	0.120	3.05	0.430	10.92	NO		-	
10118615-YYY012LF		0.480	12.19	0.095	2.41	0.285	7.24	NO		-	
10118615-YYY013LF		0.475	12.07	0.120	3.05	0.255	6.48	NO		-	
10118615-YYY014LF		0.825	20.96	0.115	2.92	0.610	15.49	NO		-	
10118615-YYY015LF		0.538	13.67	0.120	3.05	0.318	8.08	NO		-	
10118615-YYY016LF		0.938	23.83	0.520	13.21	0.318	8.08	NO		-	
10118615-YYY017LF		0.440	11.18	0.110	2.79	0.230	5.84	NO		-	
10118615-YYY018LF		0.720	18.29	0.120	3.05	0.500	12.07	NO		-	
10118615-YYY019LF		0.760	19.30	0.120	3.05	0.540	13.72	NO		-	
10118615-YYY020LF		0.410	10.41	0.110	2.79	0.200	5.08	NO		-	
10118615-YYY021LF		0.425	10.80	0.095	2.41	0.230	5.84	YES		-	
10118615-YYY022LF		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-YYY026LF		0.450	11.43	0.120	3.05	0.230	5.84	NO			
10118615-YYY027LF		0.615	15.62	0.115	2.92	0.400	10.16	NO			
10118615-YYY028LF		0.813	20.65	0.483	12.27	0.230	5.84	NO			
10118615-YYY029LF		0.453	11.50	0.028	0.70	0.325	8.26	NO			

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						title			
E				angles		linear		INCH/MM		BERGSTIK® II HEADER			
				0±2'				scale 2:1		.100/2.54cc SR SRAIGHT			
				dr		ZK.HU		09/02/11		dwg no sheet 4 of 4 size			
				enrg		ZK.HU		09/02/11		10118615 A3			
				chr		J.ZHOU		09/02/11		type Product Customer Drawing			
				appd		R.BIAN		09/02/11					
sheet index		revision sheet											

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

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