

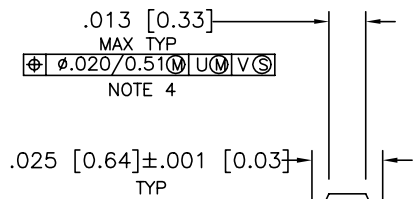
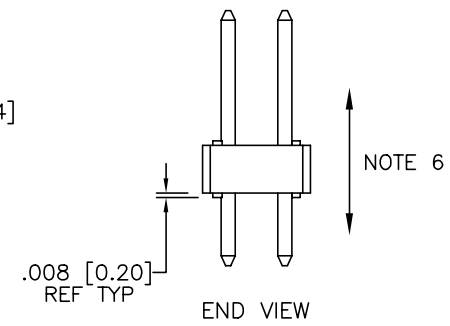
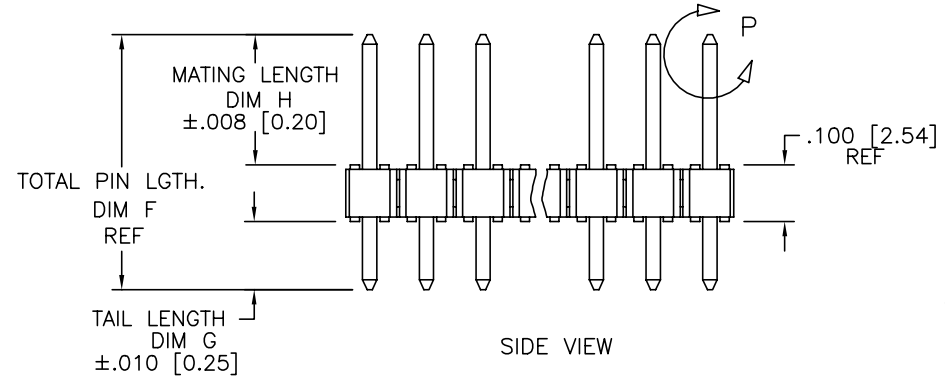
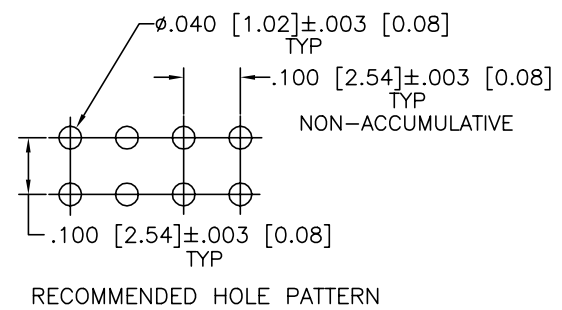
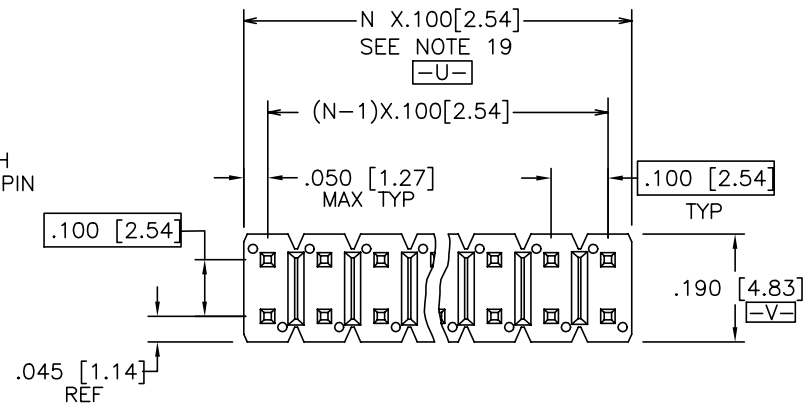


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PRODUCT NUMBER
10119109-XXXXXXLF

- LEAD FREE
SEE NOTE 1,13
- SPECIAL OPTIONS
SEE NOTE 1 OR 10
- 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.



25° ± 5°
4 SIDES
DETAIL P
SCALE 5:1
TYP BOTH ENDS

mat'l. code SEE NOTES 2 & 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection INCH/MM		product family BERGSTIK			
H	ELX-N-16636	ZK	2014-1-3	angles	linear	XX±01/XX±0.3		scale 1:1		title BERGSTIK® II HDR. D/R .100/2.54cc STRAIGHT			
C	ELX-N-13374	DCS	2012-11-06	0±2°		XXX±005/XXX±0.13				dwg no			
D	ELX-N-13657	DCS	2012-12-11	dr	J.ZHOU	2011-11-04				sheet 1 of 4 size			
E	ELX-N-14087	ZK	2013-02-22	enrg	J.ZHOU	2011-11-04				10119109			
F	ELX-N-14820	ZK	2013-05-22	chr	J.ZHOU	2011-11-04				A3			
G	ELX-N-14943	ZK	2013-06-10	appd	J.ZHOU	2011-11-04				type Product Customer Drawing			
sheet	revision	H	H	H	H								
index	sheet	1	2	3	4								



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NOTES

①. PART NUMBER OPTIONS:

PIN PLATING CODES (SEE ABOVE)

NUMBER OF POSITIONS :

EVEN NUMBER OF POSITIONS FROM 2 (2X1) THROUGH 72 (2X36).
-X00H INDICATES BERGSTRIPTM PRODUCT. SEE PAGE 3
FOR SPECIAL GEOMETRY OF THIS CONTINUOUS STRIP PRODUCT.
AUTOMATED REELS WILL CONTAIN 45,000 PINS.
SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.

PACKAGING:

PACKAGED IN POLY BAGS.
EIGHT DIGIT PART NUMBERS FOLLOWED BY A "T" ARE PACKAGED
IN TUBES. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.
EIGHT DIGIT PART NUMBERS FOLLOWED BY A "G" ARE PACKAGED
IN GPAX FOR IBM ONLY. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.
PART NUMBERS FOLLOWED BY A "C" ARE PACKAGED IN TUBES
WITH A PICKUP CAP APPLIED.

LEAD FREE:

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

②. BODY MATERIAL:

HIGH TEMPERATURE MATERIAL:

BODY MATERIAL : MANUFACTURER'S OPTION OF NYLON, PCT GLASS FIBER
REINFORCED OR MINERAL FILLED LCP FLAME RETARDENT PER UL-94V-0.
COLOR: BLACK

BERGSTRIPTM PRODUCED WITH HIGH TEMPERATURE LCP
THERMOPLASTIC, FLAME RETARDENT PER UL-94V-0.
COLOR: BLACK

PART NUMBERS WITH "H" AND WITHOUT SUFFIX 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. MILITARY BERGSTIK HEADER
P/N XXXXX-YYY-MIL
NOT AVAILABLE.

⑧. ±.010/0.25 TOL APPLIES TO ALL "G" TAILS EXCEPT
INDICATED PARTS ON TABLE WHERE +.010/0.25 -.000/0.00
APPLIES.

⑨. NOTCH CONFIGURATION WILL VARY PER VENDOR'S DISCRETION.

⑩. BERGSTRIPTM PART NUMBERS FOLLOWED BY
BY A "B" ARE BULK PRICED.

⑪. TAIL LENGTH (DIM. G) TO BE ±.008/.020.

12. POSITIONS PER ROW 37 TO 50 CAN BE PRODUCED,
BUT FLATNESS AND CURVATURE MAY NOT BE
HELD AS CLOSE AS 36 POSITIONS.

⑬. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

⑭. PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

⑮. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND
HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT
ENVIRONMENTS."

⑯. THE OAL DON'T EXCEED 34.5mm

⑰. INCREMENTS BY 0.1mm IN LENGTHS ONLY

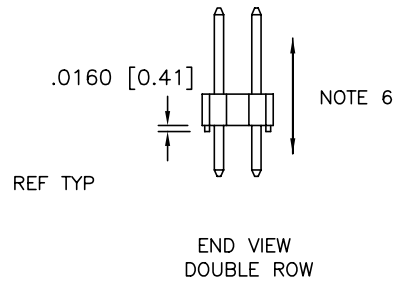
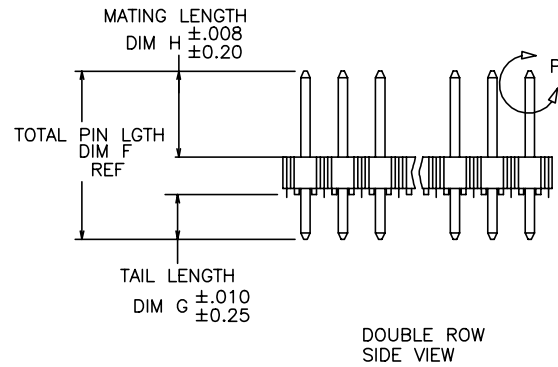
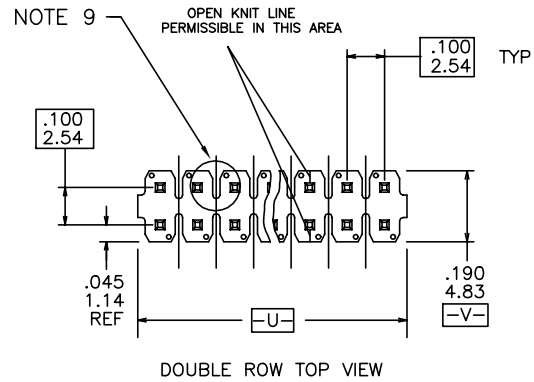
18. FOR SPECIAL PACKAGING REQUEST PLEASE CONTACT PRODUCT MANAGER FOR AVAILABILITY

⑰. TO DETERMINE DIMENSIONS:
N=NUMBER OF POSITION PER ROW
EXAMPLE: 10 POS. N X .100/2.54

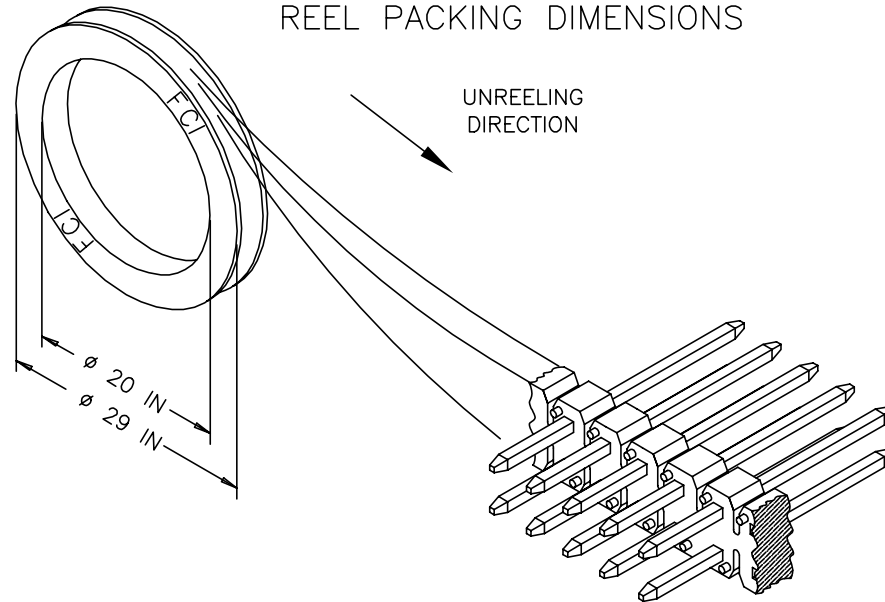
20. PRODUCT SPECIFICATION BUS-12-050.

mat'l. code SEE NOTES 2 & 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection INCH/MM scale 1:1		product family BERGSTIK			
ltr				ecn		no		dr		date		title	
H												BERGSTIK® II HDR. D/R .100/2.54cc STRAIGHT	
				angles		linear						dwg no	
				0±2°								sheet 2 of 4	
				dr		J.ZHOU		2011-11-04				size	
				enr		J.ZHOU		2011-11-04				A3	
				chr		J.ZHOU		2011-11-04					
				appd		J.ZHOU		2011-11-04					
sheet		revision											
index		sheet											

BERGSTRIPTM HEADER



REEL PACKING DIMENSIONS



mat'l. code SEE NOTES 2 & 3					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK					
ltr	ecn	no	dr	date	tolerances unless otherwise specified							title				
H					angles		linear	XXX±01/XXX±0.3		INCH/MM	BERGSTIK® II HDR. D/R .100/2.54cc STRAIGHT					
						XXX±005/XXX±0.13										
					0±2°	XXX±0020/XXX±0.051										
					dr	J.ZHOU	2011-11-04			dwg no		sheet3 of 4		size		
					enr	J.ZHOU	2011-11-04			10119109		A3				
					chr	J.ZHOU	2011-11-04									
					appd	J.ZHOU	2011-11-04			type Product Customer Drawing						
sheet index		revision sheet														



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A

B

C

D

PRODUCT NUMBER	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		BERGSTRIPT™	LF
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	AVAILABLE	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC		
10119109–XY001LF	0.938	23.83	0.520	13.21	0.318	8.08	NO	NOTE 1,13
10119109–XY002LF	0.720	18.29	0.120	3.05	0.500	12.70	NO	
10119109–XY003LF	0.825	20.96	0.115	2.92	0.610	15.49	NO	
10119109–XY004LF	0.425	10.80	0.095	2.41	0.230	5.84	NO	
10119109–XY005LF	0.525	13.34	0.107	2.72	0.318	8.08	NO	
10119109–XY006LF	0.650	16.51	0.120	3.05	0.430	10.92	NO	
10119109–XY007LF	0.480	12.19	0.095	2.41	0.285	7.24	NO	
10119109–XY008LF	0.475	12.07	0.120	3.05	0.255	6.48	NO	
10119109–XY009LF	0.825	20.96	0.115	2.92	0.610	15.49	NO	
10119109–XY010LF	0.538	13.67	0.120	3.05	0.318	8.08	NO	
10119109–XY011LF	0.938	23.83	0.520	13.21	0.318	8.08	NO	
10119109–XY012LF	0.440	11.18	0.110	2.79	0.230	5.84	NO	
10119109–XY013LF	0.720	18.29	0.120	3.05	0.500	12.70	NO	
10119109–XY014LF	0.760	19.30	0.120	3.05	0.540	13.72	NO	
10119109–XY015LF	0.410	10.41	0.110	2.79	0.200	5.08	NO	
10119109–XY016LF	0.720	18.29	0.120	3.05	0.500	12.70	NO	
10119109–XY017LF	1.100	27.94	0.500	12.70	0.500	12.70	NO	
10119109–XY018LF	0.555	14.10	0.225	5.72	0.230	5.84	NO	
10119109–XY019LF	0.588	14.94	0.170	4.32	0.318	8.08	NO	
10119109–XY020LF	0.430	10.93	0.090	2.29	0.240	6.10	NO	
10119109–XY021LF	0.460	11.69	0.120	3.05	0.240	6.10	NO	
10119109–XY022LF	0.450	11.43	0.120	3.05	0.230	5.84	NO	
10119109–XY023LF	0.548	13.92	0.130	3.30	0.318	8.08	NO	
10119109–XY024LF	0.620	15.75	0.120	3.05	0.400	10.16	NO	
10119109–XY025LF	0.828	21.03	0.410	10.41	0.318	8.08	NO	
10119109–XY026LF	0.736	18.69	0.318	8.08	0.318	8.08	NO	
10119109–XY027LF	0.615	15.62	0.285	7.24	0.230	5.84	NO	
10119109–XY028LF	0.730	18.54	0.200	5.08	0.430	10.92	NO	
10119109–XY029LF	0.486	12.34	0.156	3.96	0.230	5.84	NO	

NOTE 1,13

mat'l. code SEE NOTES 2 & 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr		ecn no		dr		date		tolerances unless otherwise specified		title			
H								linear		BERGSTIK® II HDR. D/R			
								0±2"		.100/2.54cc STRAIGHT			
								dr		J.ZHOU 2011-11-04			
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								chr		J.ZHOU 2011-11-04			
								appd		J.ZHOU 2011-11-04			
sheet index		revision sheet								scale 1:1			
										dwg no			
										sheet 4 of 4			
										size			
										A3			
										type			
										Product Customer Drawing			