

Excellent Integrated System Limited

Stocking Distributor

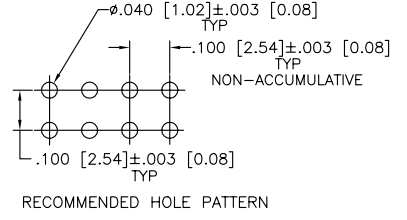
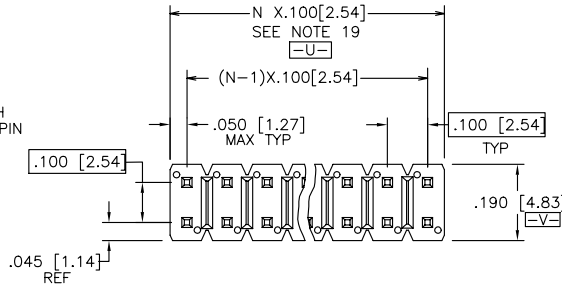
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[10119109-114004LF](#)

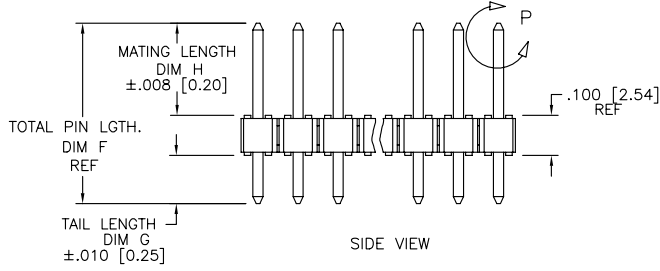
For any questions, you can email us directly:
sales@integrated-circuit.com

PRODUCT NUMBER
10119109-XXXXXXLF

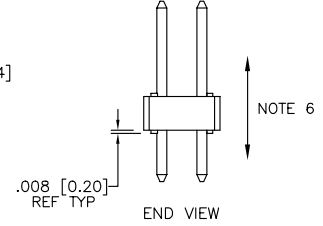
- LEAD FREE
SEE NOTE 1,13
- SPECIAL OPTIONS
SEE NOTE 1 OR 10
- INDICATE DIFFERENT MATING LENGTH
AND TAIL LENGTH AND POLARIZED PIN
AND OTHER INFORMATION
- NO OF POSITIONS
SEE NOTE 1
- PIN PLATING
SEE SHEET 2
- BASE PART NO.



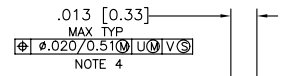
TOP VIEW



SIDE VIEW



END VIEW



DETAIL P
SCALE 5:1
TYP BOTH ENDS

25° ± 5°
4 SIDES

mat'l. code SEE NOTES 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	INCH/MM	title
H	BLX-N-16638	ZK	2014-1-3	0±2°	BERGSTIK® II HDR. D/R
c	BLX-N-13374	DCS	2012-11-06	linear	.100/2.54cc STRAIGHT
d	BLX-N-13657	DCS	2012-12-11	0±2°	scale 1:1
e	BLX-N-14087	ZK	2013-02-22	engr	J.ZHOU
f	BLX-N-14820	ZK	2013-05-22	chr	J.ZHOU
g	BLX-N-14943	ZK	2013-06-10	appd	J.ZHOU
sheet index	revision sheet	H	H	H	H
	1	2	3	4	

4 PDS: Rev :H

STATUS: released

Printed: Jan 07, 2014

PIN PLATING CODES:	
XXXXXXXX-1YY	30u"/0.76u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXXXXXX-2YY	15u"/0.38u MIN (SEE NOTE 14) OVER 50u"/1.27u MIN Ni
XXXXXXXX-3YY	50u"/1.27u MIN Au OVER 50u"/1.27u MIN Ni
XXXXXXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 15)
XXXXXXXX-5YY	30u"/0.76u MIN Au OVER 50u"/1.27u MIN Ni
XXXXXXXX-6YY	15u"/0.38u MIN Au OVER 50u"/1.27u MIN Ni
XXXXXXXX-7YY	15u"/0.38u MIN GXT OVER 50u"/1.27u MIN Ni
XXXXXXXX-8YY	30u"/0.76u MIN GXT OVER 50u"/1.27u MIN Ni
XXXXXXXX-9YY	2u"/0.05u MIN Au OVER 50u"/1.27u MIN Ni

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.

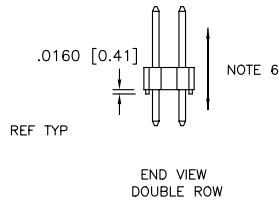
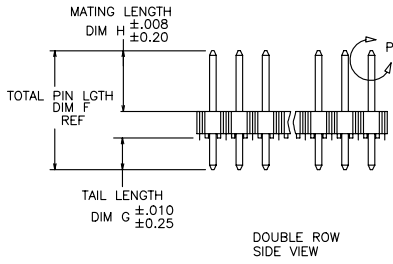
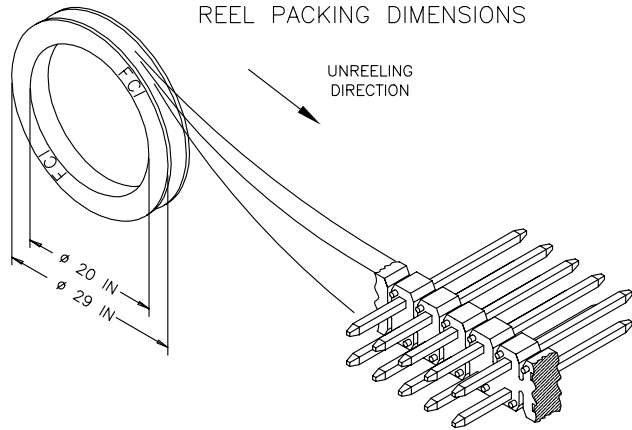
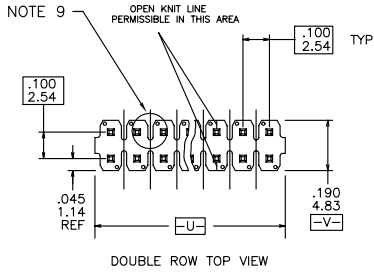
LEAD FREE:
ADD "HLF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.

② BODY MATERIAL:
HIGH TEMPERATURE MATERIAL:
BODY MATERIAL : MANUFACTURER'S OPTION OF NYLON, PCT GLASS FIBER REINFORCED OR MINERAL FILLED LCP FLAME RETARDANT PER UL-94V-0. COLOR: BLACK
BERGSTRIPTM PRODUCED WITH HIGH TEMPERATURE LCP THERMOPLASTIC, FLAME RETARDANT 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-XY-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 A "B" ARE BULK PRICED.
- ⑪ TAIL LENGTH (DIM. G) TO BE ±.008/.0.20.
- 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
- ⑲ 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	surface	tolerance	projection	product family
SEE NOTES 2 & 3	ISO 1302 ✓	ISO 406 ISO 1101		BERGSTIK
ltr ecn no dr date	tolerances unless otherwise specified	linear	INCH/MM	title
H	angles	0±2'	scale 1:1	BERGSTIK® II HDR. D/R .100/2.54cc STRAIGHT
	dr J.ZHOU 2011-11-04			dwg no 10119109 sheet 2 of 4 size A3
	engr J.ZHOU 2011-11-04			type Product Customer Drawing
	chr J.ZHOU 2011-11-04			
	appd J.ZHOU 2011-11-04			
sheet index	revision sheet			

BERGSTRIPTM HEADER



mat'l. code SEE NOTES 2 & 3		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family BERGSTIK
ltr	ecn no dr	tolerances unless otherwise specified		scale 1:1	title BERGSTIK® II HDR. D/R .100/2.54cc STRAIGHT
H		angles 0±2°	linear XXX/XXX/XXX XXX/XXX/XXX		dwg no 10119109
		dr J.ZHOU	2011-11-04		sheet 3 of 4 size A3
		engr J.ZHOU	2011-11-04		type Product Customer Drawing
		chr J.ZHOU	2011-11-04		
		appd J.ZHOU	2011-11-04		
sheet index	revision sheet				

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PRODUCT NUMBER	TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		BERGSTIK™ AVAILABLE
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	
10119109-XXY001LF	0.938	23.83	0.520	13.21	0.318	8.08	NO
10119109-XXY002LF	0.720	18.29	0.120	3.05	0.500	12.70	NO
10119109-XXY003LF	0.825	20.96	0.115	2.92	0.610	15.49	NO
10119109-XXY004LF	0.425	10.80	0.095	2.41	0.230	5.84	NO
10119109-XXY005LF	0.525	13.34	0.107	2.72	0.318	8.08	NO
10119109-XXY006LF	0.650	16.51	0.120	3.05	0.430	10.92	NO
10119109-XXY007LF	0.480	12.19	0.095	2.41	0.285	7.24	NO
10119109-XXY008LF	0.475	12.07	0.120	3.05	0.255	6.48	NO
10119109-XXY009LF	0.825	20.96	0.115	2.92	0.610	15.49	NO
10119109-XXY010LF	0.538	13.67	0.120	3.05	0.318	8.08	NO
10119109-XXY011LF	0.938	23.83	0.520	13.21	0.318	8.08	NO
10119109-XXY012LF	0.440	11.18	0.110	2.79	0.230	5.84	NO
10119109-XXY013LF	0.720	18.29	0.120	3.05	0.500	12.70	NO
10119109-XXY014LF	0.760	19.30	0.120	3.05	0.540	13.72	NO
10119109-XXY015LF	0.410	10.41	0.110	2.79	0.200	5.08	NO
10119109-XXY016LF	0.720	18.29	0.120	3.05	0.500	12.70	NO
10119109-XXY017LF	1.100	27.94	0.500	12.70	0.500	12.70	NO
10119109-XXY018LF	0.555	14.10	0.225	5.72	0.230	5.84	NO
10119109-XXY019LF	0.588	14.94	0.170	4.32	0.318	8.08	NO
10119109-XXY020LF	0.430	10.93	0.090	2.29	0.240	6.10	NO
10119109-XXY021LF	0.460	11.69	0.120	3.05	0.240	6.10	NO
10119109-XXY022LF	0.450	11.43	0.120	3.05	0.230	5.84	NO
10119109-XXY023LF	0.548	13.92	0.130	3.30	0.318	8.08	NO
10119109-XXY024LF	0.620	15.75	0.120	3.05	0.400	10.16	NO
10119109-XXY025LF	0.828	21.03	0.410	10.41	0.318	8.08	NO
10119109-XXY026LF	0.736	18.69	0.318	8.08	0.318	8.08	NO
10119109-XXY027LF	0.615	15.62	0.285	7.24	0.230	5.84	NO
10119109-XXY028LF	0.730	18.54	0.200	5.08	0.430	10.92	NO
10119109-XXY029LF	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	angles linear	INCH/MM	title BERGSTIK® II HDR. D/R
H	0±2'	dr J.ZHOU 2011-11-04	scale 1:1	sheet 4 of 4 size
		enrg J.ZHOU 2011-11-04		10119109 A3
		chr J.ZHOU 2011-11-04		type Product Customer Drawing
		appd J.ZHOU 2011-11-04		
sheet index	revision sheet			