

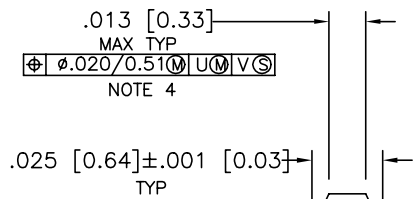
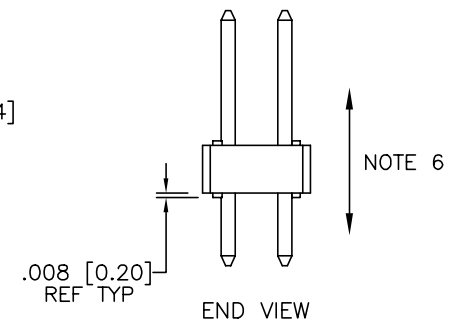
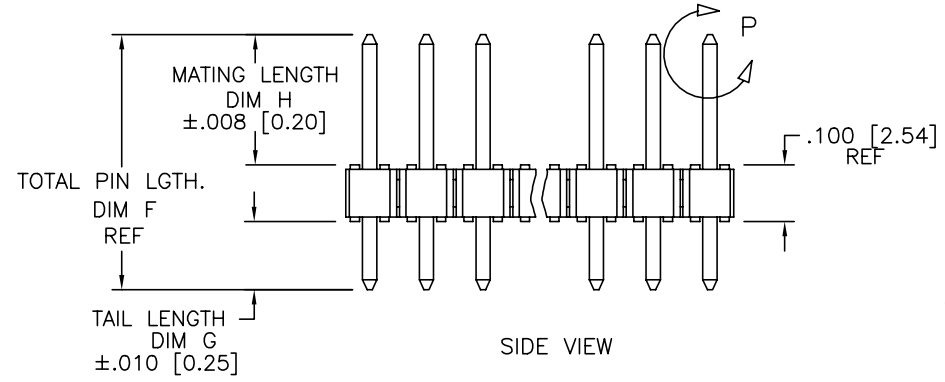
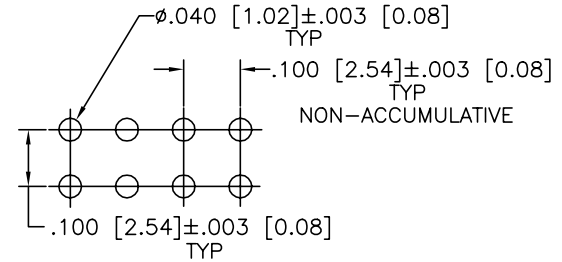
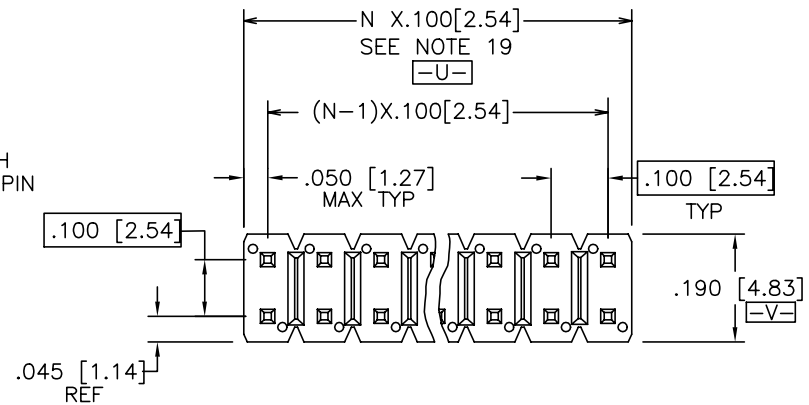


FCIconnect.com

Copyright FCI

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±.03		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±.013		FCI		dwg no 10119109			
D	ELX-N-13657	DCS	2012-12-11	dr	J.ZHOU	2011-11-04		sheet 1 of 4		size A3			
E	ELX-N-14087	ZK	2013-02-22	enrg	J.ZHOU	2011-11-04		type		Product Customer Drawing			
F	ELX-N-14820	ZK	2013-05-22	chr	J.ZHOU	2011-11-04							
G	ELX-N-14943	ZK	2013-06-10	appd	J.ZHOU	2011-11-04							
sheet	revision	H	H	H	H								
index	sheet	1	2	3	4								



FCIconnect.com

Copyright FCI

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

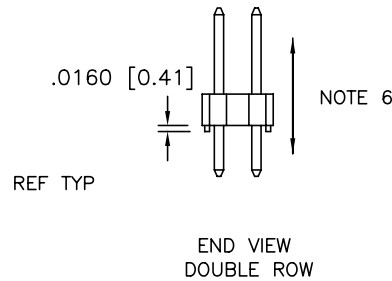
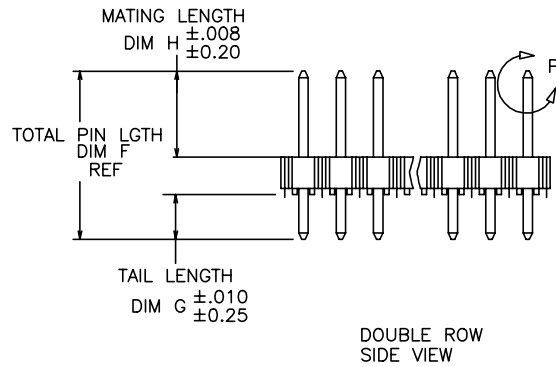
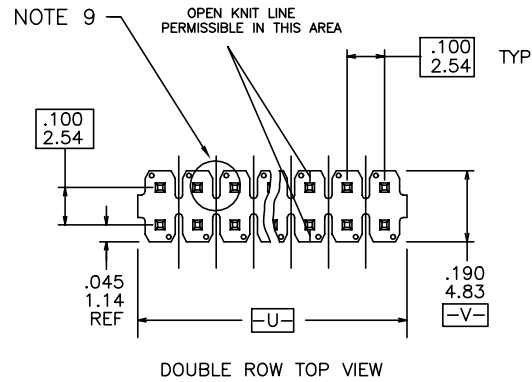
18. FOR SPECIAL PACKAGING REQUEST PLEASE CONTACT PRODUCT MANAGER FOR AVAILABILITY

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

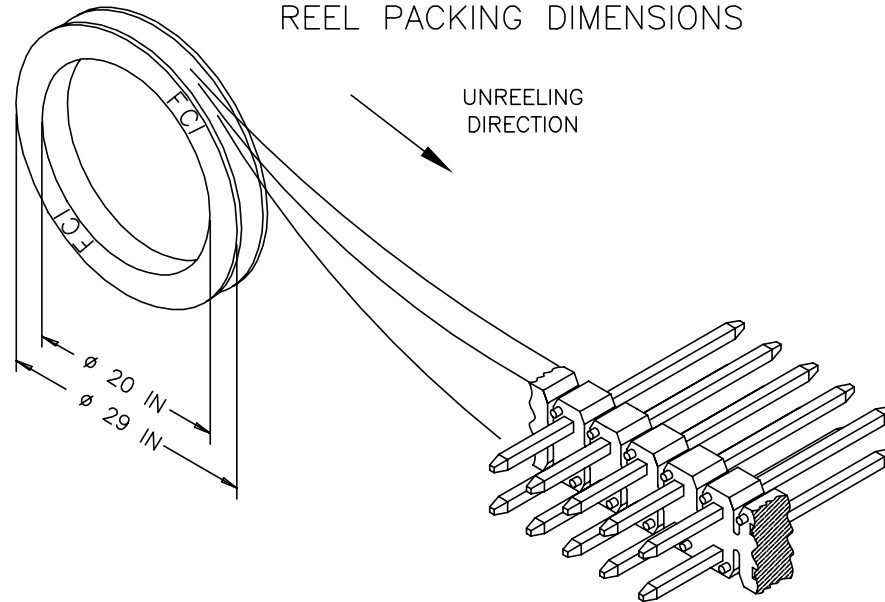
20. PRODUCT SPECIFICATION BUS-12-050.

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			
												dwg no			
												sheet 2 of 4			
												size			
												A3			
												type			
												Product Customer Drawing			
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		INCH/MM		BERGSTIK® II HDR. D/R					
											.100/2.54cc STRAIGHT					
					0±2°				scale 1:1							
					dr		J.ZHOU		2011-11-04		dwg no sheet 3 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														

1

2

3

4

5

6

PRODUCT NUMBER		TOT. PIN LGTH.		TAIL LENGTH		MATING LENGTH		BERGSTRIPTM
		DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	AVAILABLE
		ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	
A	10119109-XXX001LF	0.938	23.83	0.520	13.21	0.318	8.08	NO
	10119109-XXX002LF	0.720	18.29	0.120	3.05	0.500	12.70	NO
	10119109-XXX003LF	0.825	20.96	0.115	2.92	0.610	15.49	NO
	10119109-XXX004LF	0.425	10.80	0.095	2.41	0.230	5.84	NO
	10119109-XXX005LF	0.525	13.34	0.107	2.72	0.318	8.08	NO
	10119109-XXX006LF	0.650	16.51	0.120	3.05	0.430	10.92	NO
	10119109-XXX007LF	0.480	12.19	0.095	2.41	0.285	7.24	NO
	10119109-XXX008LF	0.475	12.07	0.120	3.05	0.255	6.48	NO
	10119109-XXX009LF	0.825	20.96	0.115	2.92	0.610	15.49	NO
	10119109-XXX010LF	0.538	13.67	0.120	3.05	0.318	8.08	NO
	10119109-XXX011LF	0.938	23.83	0.520	13.21	0.318	8.08	NO
	10119109-XXX012LF	0.440	11.18	0.110	2.79	0.230	5.84	NO
	10119109-XXX013LF	0.720	18.29	0.120	3.05	0.500	12.70	NO
	10119109-XXX014LF	0.760	19.30	0.120	3.05	0.540	13.72	NO
	10119109-XXX015LF	0.410	10.41	0.110	2.79	0.200	5.08	NO
	10119109-XXX016LF	0.720	18.29	0.120	3.05	0.500	12.70	NO
	10119109-XXX017LF	1.100	27.94	0.500	12.70	0.500	12.70	NO
	10119109-XXX018LF	0.555	14.10	0.225	5.72	0.230	5.84	NO
	10119109-XXX019LF	0.588	14.94	0.170	4.32	0.318	8.08	NO
	10119109-XXX020LF	0.430	10.93	0.090	2.29	0.240	6.10	NO
	10119109-XXX021LF	0.460	11.69	0.120	3.05	0.240	6.10	NO
	10119109-XXX022LF	0.450	11.43	0.120	3.05	0.230	5.84	NO
	10119109-XXX023LF	0.548	13.92	0.130	3.30	0.318	8.08	NO
	10119109-XXX024LF	0.620	15.75	0.120	3.05	0.400	10.16	NO
	10119109-XXX025LF	0.828	21.03	0.410	10.41	0.318	8.08	NO
	10119109-XXX026LF	0.736	18.69	0.318	8.08	0.318	8.08	NO
	10119109-XXX027LF	0.615	15.62	0.285	7.24	0.230	5.84	NO
	10119109-XXX028LF	0.730	18.54	0.200	5.08	0.430	10.92	NO
	10119109-XXX029LF	0.486	12.34	0.156	3.96	0.230	5.84	NO

NOTE 1,13

FCI

FCIconnect.com

Copyright FCI

LF

NOTE 1,13

mat'l. code
SEE NOTES 2 & 3

surface
ISO 1302 ✓

tolerance
ISO 406
ISO 1101

projection
INCH/MM

product family
BERGSTIK

ltr
H

ecn
no

dr

date

tolerances unless otherwise specified

linear

angles

0±2°

dr
J.ZHOU

engr
J.ZHOU

chr
J.ZHOU

appd
J.ZHOU

scale 1:1

title
BERGSTIK® II HDR. D/R
.100/2.54cc STRAIGHT

dwg no
10119109

sheet 4 of 4

size
A3

type
Product Customer Drawing

sheet index

revision sheet

4

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

form: A3

1

2

3

4

5

6

PDS: Rev :H

STATUS: Released

Printed: Jan 07, 2014

Mouser Electronics

Authorized Distributor

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

Amphenol:

<u>10119109-126004LF</u>	<u>10119109-134004LF</u>	<u>10119109-114004LF</u>	<u>10119109-116004LF</u>	<u>10119109-512018LF</u>
<u>10119109-136004LF</u>	<u>10119109-120004LF</u>	<u>10119109-150004LF</u>	<u>10119109-326014LF</u>	<u>10119109-220019LF</u>
<u>10119109-210018LF</u>	<u>10119109-550022LF</u>	<u>10119109-206019LF</u>	<u>10119109-320007LF</u>	<u>10119109-530007LF</u>
<u>10119109-240019LF</u>	<u>10119109-250019LF</u>	<u>10119109-372014LF</u>	<u>10119109-510022LF</u>	<u>10119109-216019LF</u>
<u>10119109-372012LF</u>	<u>10119109-202004LF</u>	<u>10119109-226019LF</u>	<u>10119109-520022LF</u>	<u>10119109-550007LF</u>
<u>10119109-510019LF</u>	<u>10119109-236019LF</u>	<u>10119109-312002LF</u>	<u>10119109-516028LF</u>	<u>10119109-920010LF</u>
<u>10119109-572004LF</u>	<u>10119109-526005HLF</u>	<u>10119109-108001LF</u>	<u>10119109-520001LF</u>	<u>10119109-372015LF</u>
<u>10119109-372007LF</u>	<u>10119109-372010LF</u>	<u>10119109-330009LF</u>	<u>10119109-372008LF</u>	<u>10119109-372011LF</u>
<u>10119109-372005LF</u>	<u>10119109-310016LF</u>	<u>10119109-120001LF</u>	<u>10119109-508001LF</u>	<u>10119109-372006LF</u>
<u>10119109-372009LF</u>	<u>10119109-318013LF</u>	<u>10119109-512029LF</u>	<u>10119109-210019LF</u>	<u>10119109-214004LF</u>
<u>10119109-530022LF</u>	<u>10119109-534022LF</u>	<u>10119109-910020LF</u>	<u>10119109-916021LF</u>	<u>10119109-510018LF</u>
<u>10119109-504022LF</u>	<u>10119109-508022LF</u>	<u>10119109-330018LF</u>	<u>10119109-510004LF</u>	<u>10119109-514004LF</u>