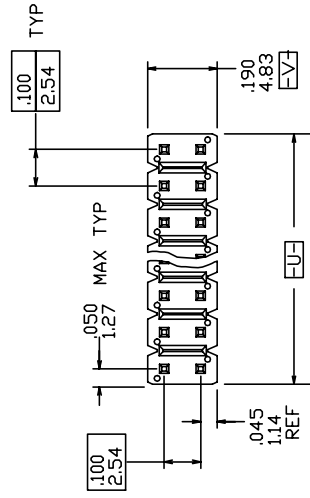
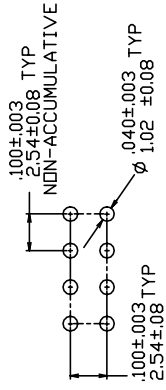


PRODUCT NUMBER
XXXXX-YYH TLF

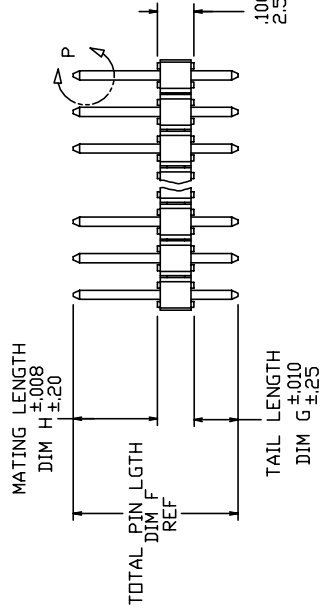
- LEAD FREE OPTION
SEE NOTE 1,10
- TUBE PACKAGING OPTION
SEE NOTE 1
- HIGH TEMPERATURE PLASTIC
SEE NOTE 1
- NO OF
POSITIONS
SEE NOTE 1
- PIN PLATING
SEE SHEET 2
- BASE PART NO.



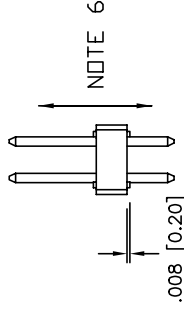
TOP VIEW



RECOMMENDED HOLE PATTERN



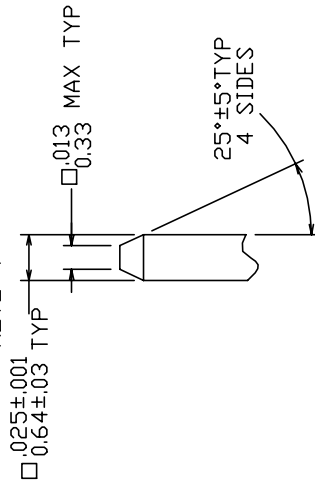
SIDE VIEW



NOTE 6

END VIEW

NOTE 4
 $\varnothing .020 / .51 \text{ (M) (U) (V) (S)}$



DETAIL P
TYP BOTH ENDS

ELX-N-16105

rev	ecn no	chr	date
AP	ELX-N-16105	ZK	2013-10-22
AJ	M05-0072	MHT	5/03/05
AK	M06-0269	MHT	7/17/06
AL	M06-0346	MHT	9/04/06
AM	M08-0291	MHT	10/06/08
AN	NI1-0018	JZ	2011-04-12

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Dt	7/29/94	7/29/94	7/29/94	7/29/94
Dr	T. BREVBAKER	T.HANNA	J. MURPHY	T.HANNA
Eng				
Chr				
Appr				



Product family: BERGSTIK
 Product ref: BERGSTIK II HEADER
 .100/2.54 DR SELF-RET

surface	ISO 1302	6.4	tolerance std	ISO 406	ISO 1101	projection	INCH/MM		
TOLERANCES UNLESS OTHERWISE SPECIFIED								Scale 1.000	
ANGULAR	LINEAR	Ø	Ø	Ø	Ø	size			A4
Ø	±2°	±0.3	±0.15	±0.05	ECN	Spec ref			69192
Product family: BERGSTIK							Rev.	AP	
Product ref: BERGSTIK II HEADER							Rev.	AP	
.100/2.54 DR SELF-RET							Rev.	AP	
catalog no							CUSTOMER	sheet 1 of 4	



PIN PLATING CODES:

XXXX-1YY	30u"/0.76u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni
XXXX-2YY	15u"/0.38u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni
XXXX-3YY	50u"/1.27u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni
XXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 12)
XXXX-4YYHLF	
XXXX-5YY	15u"/0.38u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni
XXXX-6YY	30u"/0.76u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni
XXXX-7YY	30u"/0.76u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni
XXXX-8YY	15u"/0.38u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni
XXXX-9YY	15u"/0.38u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni
XXXX-0YY	30u"/0.76u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni

3

2

1

A

- ③ PIN MATERIAL PHOS-BRONZE.
- 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 ±010/0.25 TOL. APPLIES TO ALL "G" TAILS EXCEPT INDICATED PARTS ON TABLE WHERE +010/0.25,-.000/0.00 APPLIES.
- ⑧ SECTION R-R DIMENSIONS APPLY TO RETENTION PIN POSITIONS ONLY LOCATED AT MANUFACTURES OPTION.
- 9. 5LB/2.3KG MAX INSERTION FORCE AND .25LB/.1KG MIN RETENTION FORCE PER RETENTIVE PIN USING .062/1.57 THICK CIRCUIT BOARDS AND RECOMMENDED HOLE PATTERN.
- ⑩ THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- ⑪ PLATING OPTIONS:
PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL, OPTIONALLY (.78~295u"/.2~7.5u) TIN ON TAIL.
- ⑫ THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

NOTES

- ① PART NUMBER OPTIONS:

PIN PLATING CODES (SEE ABOVE)

HIGH TEMP. MATERIAL:
FOR HIGH-TEMPERATURE APPLICATIONS, SPECIFY AN "H" AT THE END OF THE PART NUMBER, AND PCT WILL BE SUPPLIED.
NUMBER OF POSITION:
ANY NUMBER OF POSITIONS FROM 2 (2X1) THRU 72 (2X36).
PACKAGING:
PACKAGED IN POLY BAGS.
EIGHT DIGIT PART NUMBERS FOLLOWED BY A "T" ARE PACKAGED IN TUBES. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.
LEAD FREE:
ADD "HLF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION, NOT AVAILABLE FOR -5YY,-5YYH,-6YY & -6YYH.

- ② BODY MATERIAL:
MANUFACTURER'S OPTION OF NYLON OR PCT, GLASS FIBER REINFORCED, FLAME RETARDENT PER UL-94V-0.
COLOR: BLACK, OR
MINERAL FILLED LCP, COLOR BLACK
FLAME RETARDENT PER UL-94V-0
- PART NUMBERS WITH "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.
- PART NUMBERS WITHOUT "H" SUFFIX WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR WAVE SOLDER PROCESS.



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1

2

PDS: Rev :AP

STATUS:Released

Printed: Oct 29, 2013

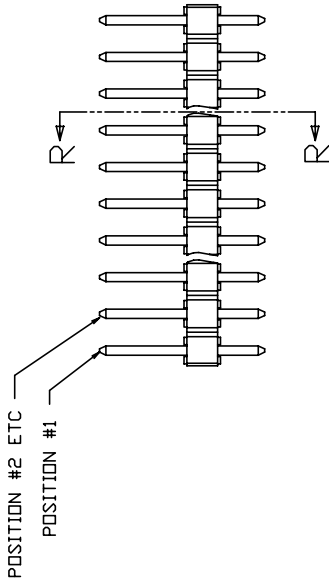
A

B

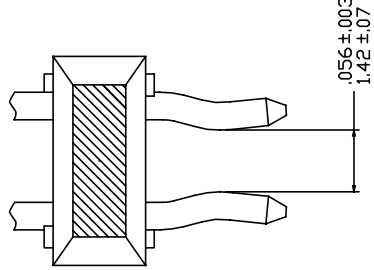
C

D

www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection	INCH/MM
TOLERANCES UNLESS OTHERWISE SPECIFIED		ANGULAR	0.X ±0.3	size	Scale 1.000
Dr	T. BREWBAKER	0° ±2°	0.XX ±0.15	ECN	
Eng	T.HANNA	Product family	0.XXX ±0.05	Spec ref	
Chr	J. MURPHY	BERGSTIK			
Appr	T.HANNA	Rev.			
		BERGSTIK® II HEADER	69192		
catalog no .100/2.54 DR SELF-RET		Rev.	69192		
		CUSTOMER		sheet 2 of 4	



RECOMMENDED HOLE PATTERN



SECTION R-R
NOTE 8

www.ficonnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection	INCH/MM
TOLERANCES UNLESS OTHERWISE SPECIFIED		ANGULAR	LINEAR	size	A4
Dr	T. BREWBAKER	7/29/94	0.X	±0.3	Scale
Eng	T.HANNA	7/29/94	0.XX	±0.15	1.000
Chr	J. MURPHY	7/29/94	0.XXX	±0.05	
Appr	T.HANNA	7/29/94	Product family		Spec ref
		BERGSTIK			
		BERGSTIK® II HEADER		69192	Rev.
		.100/2.54 DR SELF-RET			AP
catalog no		CUSTOMER		sheet 3 of 4	



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PRODUCT NUMBER	TOTAL PIN LENGTH		TAIL LENGTH		MATING LENGTH		PACKAGING	NOTES	LF OPTION
	DIM F	ENGLISH METRIC	DIM G	ENGLISH METRIC	DIM H	ENGLISH METRIC			
69192-XYX	0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS/TUBES		NOTE 1,10
78252-XYX	UNAV	ALAE							
78548-XYX	0.538	13.67	0.120	3.05	0.318	8.08	POLY BAGS		
78577-XYX	0.650	16.51	0.120	3.05	0.430	10.92	POLY BAGS	OB	
79214-XYX	0.620	15.75	0.120	3.05	0.400	10.16	POLY BAGS	OB	
79979-XYX	0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS/TUBES	7	
86380-XYX	0.470	11.94	0.120	3.05	0.250	6.35	POLY BAGS	OB	
86584-XYX	0.760	19.30	0.120	3.05	0.540	13.72	POLY BAGS	OB	
87444-XYX	1.090	27.69	0.125	3.18	0.865	21.97	POLY BAGS	OB	
87456-XYX	0.840	21.34	0.120	3.05	0.620	15.75	POLY BAGS	OB	
87457-XYX	0.990	25.15	0.120	3.05	0.770	19.56	POLY BAGS	OB	
87837-XYX	0.585	14.86	0.120	3.05	0.365	9.27	POLY BAGS	OB	
87920-XYX	0.830	21.08	0.120	3.05	0.610	15.49	POLY BAGS	OB	
88526-XYX	1.340	34.04	0.120	3.05	1.120	28.45	POLY BAGS	OB	
88714-XYX	0.640	16.26	0.120	3.05	0.420	10.67	POLY BAGS	OB	
89580-XYX	0.930	23.62	0.120	3.05	0.710	18.03	POLY BAGS	OB	
90824-XYX	0.420	10.67	0.120	3.05	0.200	5.08	POLY BAGS		
94654-XYX	0.415	10.54	0.085	2.16	0.230	5.84	POLY BAGS		
95066-XYX	1.240	31.50	0.120	3.05	1.020	25.91	POLY BAGS		NOTE 1,10
95654-XYX	0.880	22.35	0.120	3.05	0.660	16.76	POLY BAGS	OB	
98845-XYX	0.572	14.54	0.120	3.00	0.354	9.00	POLY BAGS/TUBES	OB	
10002463-XYX	0.503	12.78	0.085	2.16	0.318	8.08	POLY BAGS	OB	



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www.fciconnect.com		surface ISO 1302		tolerance std ISO 406 ISO 1101		projection		INCH/MM	
TOLERANCES UNLESS OTHERWISE SPECIFIED		ANGULAR		LINEAR		size		Scale	
0° ±2°		0.X ±0.3		0.XX ±0.15		A4		1.000	
Product family		BERGSTIK		Spec ref		ECN			
7/29/94		7/29/94		7/29/94		7/29/94			
T. BREWBAKER		T. BREWBAKER		T. BREWBAKER		T. BREWBAKER			
Eng THANNA		Eng THANNA		Eng THANNA		Eng THANNA			
Chr J. MURPHY		Chr J. MURPHY		Chr J. MURPHY		Chr J. MURPHY			
Appr THANNA		Appr THANNA		Appr THANNA		Appr THANNA			
FCI logo		FCI logo		FCI logo		FCI logo			
BERGSTIK® II HEADER		BERGSTIK		Spec ref		69192		Rev. AP	
.100/2.54 DR SELF-RET		0.0		0.0		0.0		0.0	
catalog no		CUSTOMER		sheet 4 of 4					