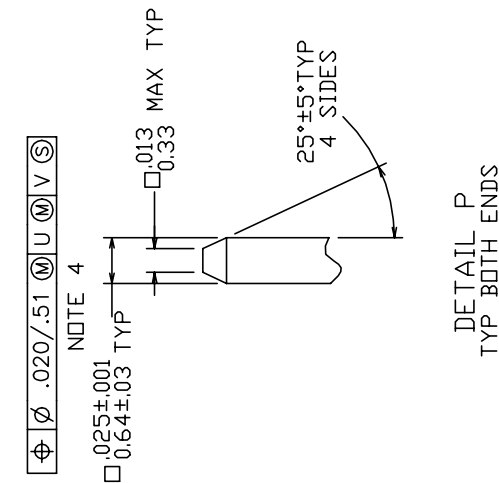




rev	ecn no	dr	date										
AP	ELX-16105	ZK	2013-10-22										
AJ	M05-0072	MHT	5/03/05										
AK	M06-0269	MHT	7/17/06										
AL	M06-0346	MHT	9/04/06										
AM	M08-0291	MHT	10/06/08										
AN	N11-0118	JJZ	2011-04-12										

1

2

3

4

PIN PLATING CODES:

XXXX-1Y

30u"/0.76u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni

XXXX-2Y

15u"/0.38u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni

XXXX-3Y

50u"/1.27u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni

XXXX-4Y

100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 12)

XXXX-4YHLF

XXXX-5Y

15u"/0.38u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni

XXXX-6Y

30u"/0.76u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni

XXXX-7Y

30u"/0.76u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni

XXXX-8Y

15u"/0.38u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni

XXXX-9Y

15u"/0.38u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni

XXXX-0Y

30u"/0.76u MIN (SEE NOTE 11) OVER 50u"/1.27u MIN Ni

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 RETARDANT PER UL-94V-0.
COLOR: BLACK, OR
MINERAL FILLED LCP, COLOR BLACK
FLAME RETARDANT 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.

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 .062/157 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."

STATUS:Released

PDS: Rev :AP

3

Printed: Oct 29, 2013

FCI

www.fciconnect.com

Dr. T. BREWBAKER

Eng THANNA

Chr J. MURPHY

Appr THANNA

7/29/94

7/29/94

7/29/94

7/29/94

ANGULAR

0° ±2°

PRODUCT FAMILY

BERGSTIK

tolerance std

ISO 406 ISO 1101

tolerances unless otherwise specified

0.X ±0.3

0.XX ±0.15

0.XXX ±0.05

projection

ISO 1302

ISO 406 ISO 1101

size

A4

ECN

INCH/MM

Scale

1.000

Rev.

69192

AP

customer

sheet 2 of 4

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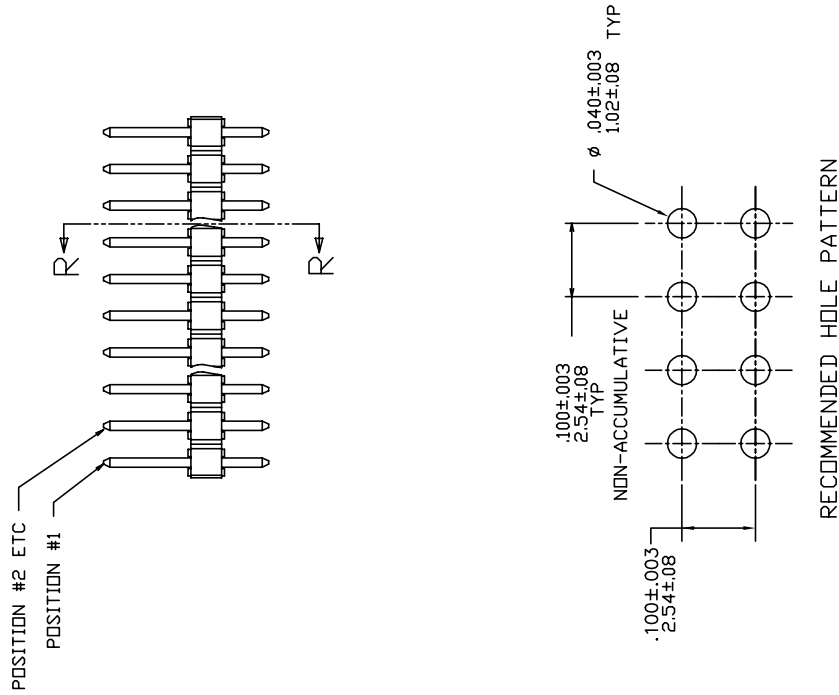
REV F - 2006-04-97

A

B

C

D



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www.fciconnect.com				surface ISO 1302	tolerance std ISO 406 ISO 1101	projection	INCH/MM	
				TOLERANCES UNLESS OTHERWISE SPECIFIED				
Dr	T. BREWBAKER	7/29/94	ANGULAR	LINEAR	0.X ±0.3	size	A4	Scale
Eng	T. HANNA	7/29/94	0° ±2°		0.XX ±0.15	ECN		1,000
Chr	J. MURPHY	7/29/94	Product family		0.XXX ±0.05	Spec ref		
Appr	T. HANNA	7/29/94	BERGSTIK® II HEADER					
			.100/2.54 DR SELF-RET				69192	Rev.
			catalog no				CUSTOMER	sheet 3 of 4



PRODUCT NUMBER	TOTAL PIN LENGTH		TAIL LENGTH		MATING LENGTH		PACKAGING	NOTES	LF
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H			
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC			
69192-XYX	0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS/TUBES		NOTE 1,10
78252-XYX		UN A V A I L A B L E							
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		
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-XYXH	0.415	10.54	0.085	2.16	0.230	5.84	POLY BAGS		
95066-XYXH	1.240	31.50	0.120	3.05	1.020	25.91	POLY BAGS		NOTE 1,10
95654-XYXH	0.880	22.35	0.120	3.05	0.660	16.76	POLY BAGS	OB	
98845-XYXH	0.572	14.54	0.120	3.00	0.354	9.00	POLY BAGS/TUBES	OB	
10002463-XYXH	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	0.X 0.XX 0.XXX	size A4	Scale 1,000
Dr	T. BREWBAKER	7/29/94		0°	±2°	±0.3 ±0.15 ±0.05	ECN	
Eng	T.HANNA	7/29/94		Product family			Spec ref	
Chr	J. MURPHY	7/29/94		BERGSTIK®				
Appr	T.HANNA	7/29/94		BERGSTIK® II HEADER				Rev.
				.100/2.54 DR SELF-RET			69192	AP
title				catalog no			CUSTOMER	sheet 4 of 4