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PRODUCT NUMBER
XXXXX-YYYH1LF

LEAD FREE OPTION
SEE NOTE 1,10

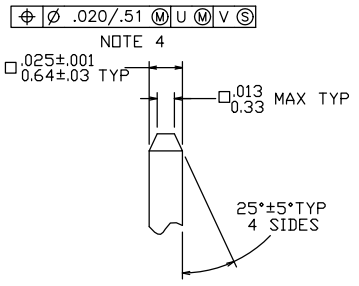
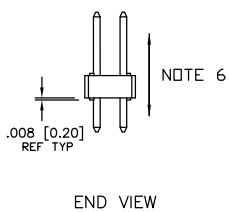
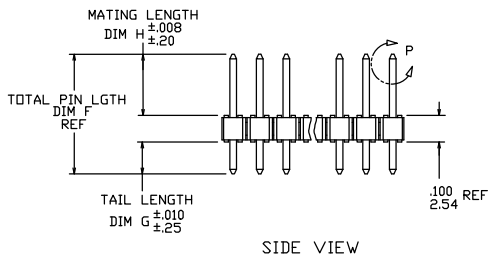
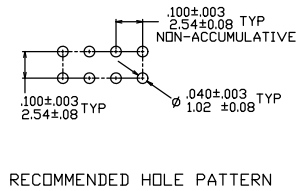
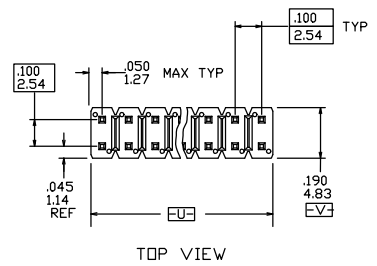
TUBE PACKAGING OPTION
SEE NOTE 1

HIGH TEMPERATURE PLASTIC
SEE NOTE 1

NO OF
POSITIONS
SEE NOTE 1

PIN PLATING
SEE SHEET 2

BASE PART NO.



DETAIL P
TYP BOTH ENDS

rev	ecn no	dr	date
AG	V20801	MHT	4/29/02
AH	M04-0234	AGS	12/29/05
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	JZ	2011-04-12

www.fciconnect.com		surface 6.4/ISO 1302	tolerance std ISO 406 ISO 1101	projection	INCH/MM
		ANGULAR	LINEAR	size A4	Scale 1.000
		0° ±2°	0.00 ±0.05	ECN N11-0118	
Product family BERGSTIK		Spec ref			
title BERGSTIK® II HEADER .100/2.54 DR SELF-RET		69192		Rev. AN	
catalog no		CUSTOMER		sheet 1 of 4	



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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

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.

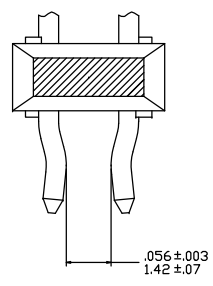
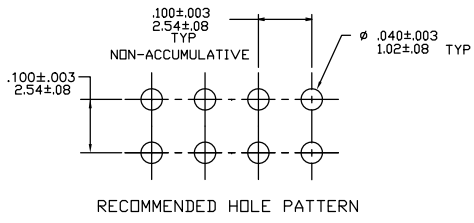
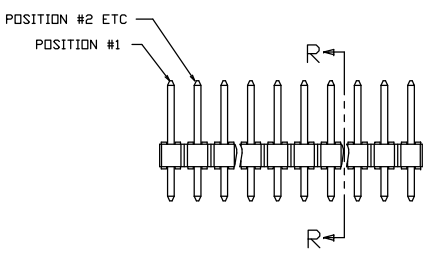
- 3. PIN MATERIAL: PHOS-BRONZE.
- 4. MEASURED WITH PART IN RESTRAINED CONDITION.
- 5. TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS.
- 6. 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.
- 7. ±.010/0.25 TOL. APPLIES TO ALL "G" TAILS EXCEPT INDICATED PARTS ON TABLE WHERE +.010/0.25,-.000/0.00 APPLIES.
- 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 .062/1.57 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."

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

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SECTION R-R
NOTE 8

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	0.X	±0.3	size A4
Eng	T.HANNA	7/29/94	LINEAR	0.XX	±0.15	Scale 1.000
Chr	J. MURPHY	7/29/94	0° ±2°	0.XXX	±0.05	ECN N11-0118
Appr	T.HANNA	7/29/94	Product family	BERGSTIK	Spec ref	
FCI		title BERGSTIK® II HEADER .100/2.54 DR SELF-RET		2	69192	Rev. AN
		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	DIM F	DIM G	DIM G	DIM H	DIM H			
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC			
69192-YYY	0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS/TUBES		NOTE 1,10
78252-YYY	UNAVAILABLE								
78548-YYY	0.538	13.67	0.120	3.05	0.318	8.08	POLY BAGS		
78577-YYY	0.650	16.51	0.120	3.05	0.430	10.92	POLY BAGS		
79214-YYY	0.620	15.75	0.120	3.05	0.400	10.16	POLY BAGS		
79979-YYY	0.450	11.43	0.120	3.05	0.230	5.84	POLY BAGS/TUBES	7	
86380-YYY	0.470	11.94	0.120	3.05	0.250	6.35	POLY BAGS		
86584-YYY	0.760	19.30	0.120	3.05	0.540	13.72	POLY BAGS		
87444-YYY	1.090	27.69	0.125	3.18	0.865	21.97	POLY BAGS		
87456-YYY	0.840	21.34	0.120	3.05	0.620	15.75	POLY BAGS		
87457-YYY	0.990	25.15	0.120	3.05	0.770	19.56	POLY BAGS		
87837-YYY	0.585	14.86	0.120	3.05	0.365	9.27	POLY BAGS		
87920-YYY	0.830	21.08	0.120	3.05	0.610	15.49	POLY BAGS		
88526-YYY	1.340	34.04	0.120	3.05	1.120	28.45	POLY BAGS		
88714-YYY	0.640	16.26	0.120	3.05	0.420	10.67	POLY BAGS		
89580-YYY	0.930	23.62	0.120	3.05	0.710	18.03	POLY BAGS		
90824-YYY	0.420	10.67	0.120	3.05	0.200	5.08	POLY BAGS		
94654-YYYH	0.415	10.54	0.085	2.16	0.230	5.84	POLY BAGS		
95066-YYYH	1.240	31.50	0.120	3.05	1.020	25.91	POLY BAGS		
95654-YYYH	0.880	22.35	0.120	3.05	0.660	16.76	POLY BAGS		
98845-YYYH	0.572	14.54	0.120	3.00	0.354	9.00	POLY BAGS/TUBES		
10002463-YYYH	0.503	12.78	0.085	2.16	0.318	8.08	POLY BAGS	----	NOTE 1,10

www.fciconnect.com		surface ISO 1302		tolerance std ISO 406 ISO 1101		projection ISO 1101		INCH/MM	
		TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	T. BREWBAKER	7/29/94	ANGULAR	LINEAR	0X	±0.3	size	A4	Scale
Eng	T.HANNA	7/29/94			0XX	±0.15			1,000
Chr	J. MURPHY	7/29/94	0° ±2°		0XXX	±0.05	ECN	N11-0118	
Appr	T.HANNA	7/29/94	Product family		BERGSTIK		Spec ref		
FCI		title				69192		Rev.	
		BERGSTIK® II HEADER						AN	
		.100/2.54 DR SELF-RET							
		catalog no				CUSTOMER		sheet 4 of 4	