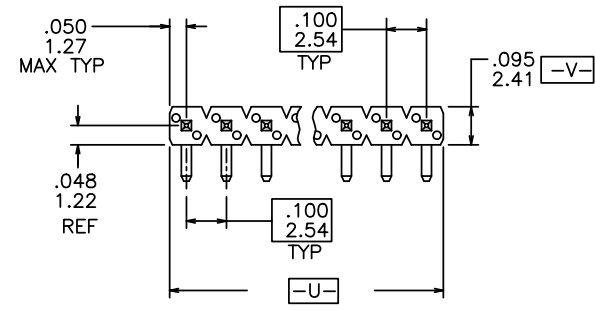




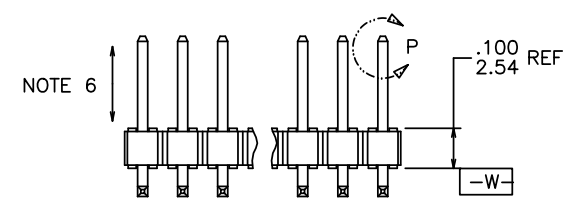
Copyright FCI.

PRODUCT NUMBER
XXXXX-YYY HTLF

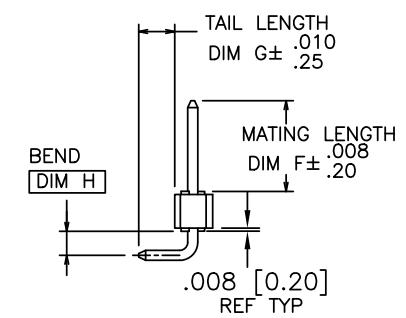
- LEAD FREE OPTION
SEE NOTE 1,11
- TUBE PACKAGING OPTION
SEE NOTE 1
- HIGH TEMPERATURE PLASTIC
SEE NOTE 1
- NO. OF POSITIONS
SEE NOTE 1
- PIN PLATING
SEE SHEET 2
- BASE PART NO.



TOP VIEW

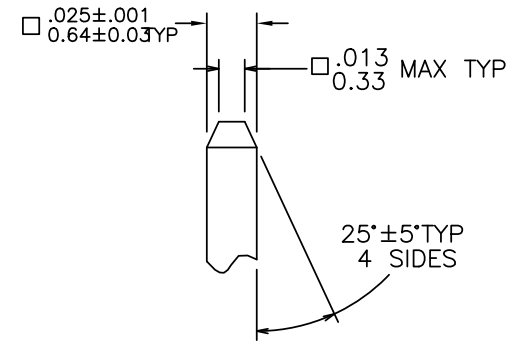


SIDE VIEW



END VIEW

NOTE 4
Ø .020/0.51 (M) U (M) V (S) W



DETAIL P
TYP BOTH ENDS

rev	ecn no	dr	date
CR	V81876	EPK	10/26/98
CS	V20790	GIP	04/24/02
CT	M04-0234	MHT	12/29/04
CU	M05-0072	MHT	5/03/05
CV	M06-0435	MHT	10/31/06
AH	M08-0291	MHT	10/06/08
AJ	N11-0118	J.Z	2011-04-11

www.fciconnect.com			surface 6.4 / tolerance std ISO 1302 ✓ ISO 406 ISO 1101		projection 		INCH/MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	D.WHITING	04/07/93	ANGULAR	LINEAR	0.X	±0.3	size A4	Scale 1.000
Eng	T.HANNA	04/07/93			0.XX	±0.15		
Chr	T.HANNA	04/07/93			0.XXX	±0.05		
Appr	T.HANNA	04/07/93	0°	±2°	ECN		N11-0118	
			Product family BERGSTIK			Spec ref		
			title BERGSTIK® II HEADER .100 SR R/A SELF-RET			dwg no 69191		Rev. AJ
			catalog no			CUSTOMER		sheet 1 of 4

PIN PLATING CODES:

XXXX-1YY	30u"/0.76u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXX-2YY	15u"/0.38u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXX-3YY	50u"/1.27u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 1,13)
XXXX-4YYHLF	
XXXX-5YY	15u"/0.38u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXX-6YY	30u"/0.76u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXX-7YY	30u"/0.76u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXX-8YY	15u"/0.38u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXX-9YY	15u"/0.38u MIN (SEE NOTE 12) OVER 50u"/1.27u MIN Ni
XXXX-0YY	30u"/0.76u MIN (SEE NOTE 12) 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 THRU 36.

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 FILLES 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.

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 ON DIM "F" APPLIES TO THIS PART ONLY.

8. 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.

⑧. DETAIL N DIMENSIONS APPLY TO 2 POSITION PARTS ONLY

⑨. SECTION R-R DIMENSIONS ONLY APPLY TO RETENTION. PIN POSITIONS FOR 3 POSITION PARTS AND LARGER. RETENTION PIN POSITIONS LOCATED AT MANUFACTURES OPTION.

⑩. SECTION S-S DIMENSIONS APPLY TO DUAL RETENTION PIN POSITIONS ONLY. SEE PRODUCT PART NUMBER FOR SINGLE OR DUAL SIDE RETENTION. LOCATED AT MANUFACTURER'S OPTION.

⑪. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

⑫. PLATING OPTIONS: PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL, OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.

⑬. THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

.100±.003 [2.54±.08]

TYP. NON-ACCUMULATIVE



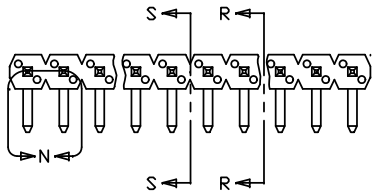
RECOMMENDED HOLE PATTERN

www.fciconnect.com			surface ISO 1302 ✓		tolerance std ISO 406 ISO 1101		projection 		INCH/MM ←————→	
			TOLERANCES UNLESS		OTHERWISE SPECIFIED					
Dr	D.WHITING	04/07/93	ANGULAR	LINEAR	0.X	±0.3	size	A4	Scale	
Eng	T.HANNA	04/07/93			0.XX	±0.15			1.000	
Chr	T.HANNA	04/07/93			0' ±2'	0.XXX	±0.05		ECN	
Appr	T.HANNA	04/07/93	Product family BERGSTIK				Spec ref			
	title					dwg no			Rev	
	BERGSTIK® II HEADER					69191			AJ	
	.100 SR R/A SELF-RET									
catalog no					CUSTOMER			sheet 2 of 4		

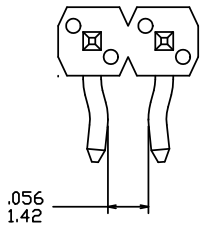
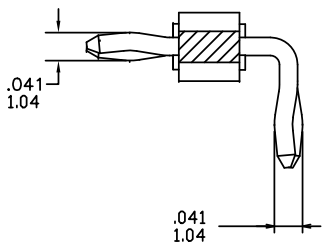
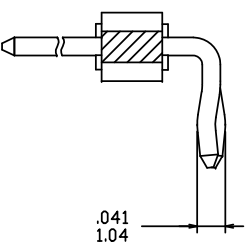
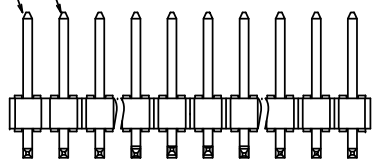




Copyright FCI.



PDS. 2 ETC
PDS. 1



www.fciconnect.com			surface ISO 1302 ✓		tolerance std ISO 406 ISO 1101		projection 		INCH/MM 	
			TOLERANCES UNLESS OTHERWISE SPECIFIED							
Dr	D.WHITING	04/07/93	ANGULAR	LINEAR	0.X ±0.3		size A4	Scale		
Eng	T.HANNA	04/07/93			0.XX ±0.15			1.000		
Chr	T.HANNA	04/07/93			0.XXX ±0.05			ECN N11-0118		
Appr	T.HANNA	04/07/93	Product family BERGSTIK				Spec ref			
			title BERGSTIK® II HEADER .100 SR R/A SELF-RET				dwg no 69191			Rev. AJ
catalog no						CUSTOMER			sheet 3 of 4	

REV F - 2006-04-17

1

2

3

4

PRODUCT NUMBER	MATING LENGTH		TAIL LENGTH		BEND DIM		RETENTION	PACKAGING	NOTES	LF OPTION
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H				
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC				
69191-XXY	0.230	5.84	0.120	3.05	0.060	1.52	G TAIL	POLY BAGS/TUBES	—	NOTE 1,11
72375-YYYH	0.240	6.10	0.120	3.05	0.060	1.52	G TAIL	POLY BAGS	—	
78554-XXY	0.318	8.08	0.120	3.05	0.060	1.52	G TAIL	POLY BAGS/TUBES	—	
78940-XXY	0.120	3.05	0.120	3.05	0.060	1.52	F MATE & G TAIL	POLY BAGS	7	
78952-XXY	0.120	3.05	0.318	8.08	0.135	3.43	F MATE	POLY BAGS	7	
79253-XXY	U N A V		A I L A B L E							
84825-YYYH	0.354	9.00	0.102	2.60	0.060	1.52	G TAIL	POLY BAGS	—	
84851-YYYH	0.140	3.56	0.290	7.37	0.153	3.89	G TAIL	POLY BAGS	—	
86641-XXY	0.120	3.05	0.120	3.05	0.060	1.52	G TAIL	POLY BAGS	—	
87018-XXY	U N A V		A I L A B L E							
87844-XXY	U N A V		A I L A B L E							
87965-XXY	U N A V		A I L A B L E							
88869-XXY	0.120	3.05	0.230	5.84	0.135	3.43	F MATE	POLY BAGS	7	NOTE 1,11
90304-XXY	0.165	4.19	0.120	3.05	0.060	1.52	G TAIL	POLY BAGS	—	
90604-XXY	U N A V		A I L A B L E							
90609-XXY	U N A V		A I L A B L E							
90638-XXY	0.120	3.05	0.262	6.65	0.060	1.52	F MATE	POLY BAGS/TUBES	7	
90640-XXY	0.120	3.05	0.262	6.65	0.127	3.23	F MATE	POLY BAGS	7	
94669-YYYH	0.230	5.84	0.085	2.16	0.060	1.52	G TAIL	POLY BAGS	—	
94670-YYYH	0.400	10.16	0.085	2.16	0.060	1.52	G TAIL	POLY BAGS	—	

REV F - 2006-04-17

www.fciconnect.com			surface ISO 1302	✓	tolerance std ISO 406 ISO 1101	projection A4	INCH/MM
TOLERANCES UNLESS OTHERWISE SPECIFIED			ANGULAR	LINEAR	0.X ±0.3 0.XX ±0.15 0.XXX ±0.05	size	Scale 1.000
Dr	D.WHITING	04/07/93	0°	±2°		ECN	N11-0118
Eng	T.HANNA	04/07/93				Spec ref	
Chr	T.HANNA	04/07/93					
Appr	T.HANNA	04/07/93					
FCI			title BERGSTIK® II HEADER .100 SR R/A SELF-RET			dwg no 69191	Rev. AJ
catalog no			CUSTOMER			sheet 4 of 4	

PDM: Rev:AJ

STATUS: Released

4 Printed: May 20, 2011