

PRODUCT NUMBER

10119110-XXX XXXLXF

LEAD FREE OPTION
SEE NOTE 1,7

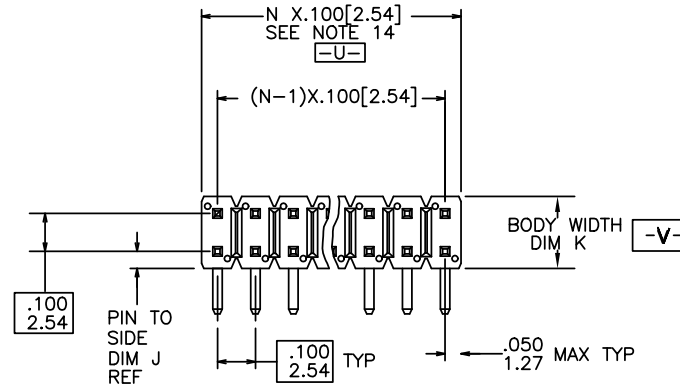
PACKAGING OPTION
SEE NOTE 1

INDICATE DIFFERENT MATING LENGTH
AND TAIL LENGTH AND POLARIZED PIN
AND OTHER INFORMATION

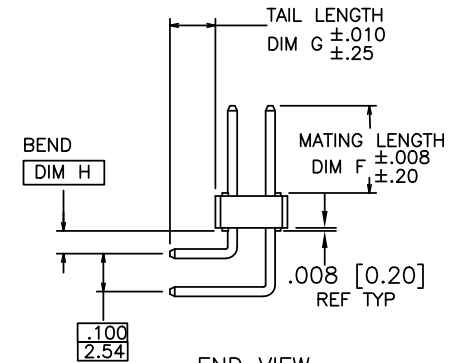
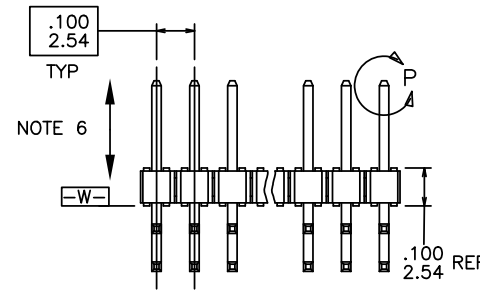
NO OF
POSITIONS
SEE NOTE 2

PIN PLATING
SEE SHEET 2

BASE PART NO.

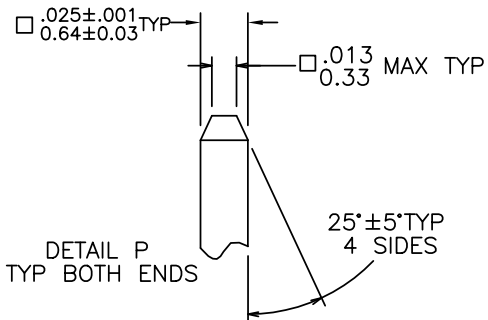


TOP VIEW



END VIEW

⊕ ∅ .020/.51 (M) U (M) V W
NOTE 4



mat'l. code NOTES 2 & 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified						INCH/MM scale 1:1		BERGSTIK® II HEADER .100/2.54cc DR R/A	
A	--	DCS	2012-10-22	angles	linear	XXX±.01/XXX±.03							
						XXX±.005/XXX±.013							
					0°±2°	XXX±.0020/XXX±.0051							
				dr	J.ZHOU	2011-09-21				dwg no		sheet 1 of 3 size	
				enr	J.ZHOU	2011-09-21				10119110		A3	
				chr	J.ZHOU	2011-09-21							
				appd	-	-							
sheet index		revision		A	A					type		Product Customer Drawing	
		sheet		1	2	3							

PIN PLATING CODES:	
10119110-1YYXXXLF	30u"/0.76u MIN (SEE NOTE 8) OVER 50u"/1.27u MIN Ni
10119110-2YYXXXLF	15u"/0.38u MIN (SEE NOTE 8) OVER 50u"/1.27u MIN Ni
10119110-3YYXXXLF	50u"/1.27u MIN Au OVER 50u"/1.27u MIN Ni
10119110-4YYXXXLF	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 9)
10119110-5YYXXXLF	30u"/0.76u MIN Au OVER 50u"/1.27u MIN Ni
10119110-6YYXXXLF	15u"/0.38u MIN Au OVER 50u"/1.27u MIN Ni
10119110-7YYXXXLF	15u"/0.38u MIN GXT OVER 50u"/1.27u MIN Ni
10119110-8YYXXXLF	30u"/0.76u MIN GXT OVER 50u"/1.27u MIN Ni

NOTES

1. PART NUMBER OPTIONS:

PIN PLATING CODES (SEE ABOVE)

NUMBER OF POSITION:

EVEN 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 "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.

2. BODY MATERIAL:

HIGH TEMP. MATERIAL:

MANUFACTURER'S OPTION OF NYLON, PCT GLASS FIBER REINFORCED, OR MINERAL FILLED LCP FLAME RETARDENT PER UL-94V-0. COLOR: BLACK.

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

8. PLATING OPTIONS:

MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

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

10. THE OAL DON'T EXCEED 31mm

OAL= MATTING DIM + TAIL DIM +4.0mm<=31mm "WHERE THE SUM OF TAIL LEGTH DON'T EXCEED 27mm" TAIL
TAIL LENGTH MIN 2.00mm TAIL LENGTH MAX 10.4mm
MATTING LENGTH MIN 1.5mm MATTING LENGTH MAX 25.4mm

11. INCREMENTS BY 0.1mm IN LENGTH ONLY

12. FOR ESPECIAL PACKAGING REQUEST PLEASE CONTACT PRODUCT MANAGER FOR AVAILABILITY

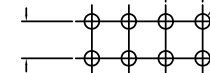
13. BEND DIMENSION AT 1.5mm ONLY

14. TO DETERMINE DIMENSIONS:

N=NUMBER OF POSITION PER ROW

EXAMPLE: 10 POS. N X .100/2.54

.100±.003 [2.54±.08]
TYP. NON-ACCUMULATIVE



.100±.003 [2.54±.08]

RECOMMENDED HOLE PATTERN

mat'l. code 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 BERGSTIK® II HEADER .100/2.54cc DR R/A	
A					angles	linear	XXX01/XXX0.3		INCH/MM				
							XXX0005/XXX0.13						
					0°±2°		XXX000020/XXX0.051						
					dr	J.ZHOU	2011-09-21			dwg no		sheet 2 of 3	size
					engr	J.ZHOU	2011-09-21			10119110		A3	
					chr	J.ZHOU	2011-09-21						
					appd	-	-						
sheet index	revision		sheet										



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1		2		3						4		5	6
PRODUCT NUMBER		MATING LENGTH		TAIL LENGTH		BEND DIM		PIN TO SIDE		BODY WIDTH		LF	
		DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	DIM J	DIM J	DIM K	DIM K		
		ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC		
10119110-YYY001LF		0.230	5.84	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	NOTE 1,7	
10119110-YYY002LF		0.230	5.84	0.150	3.81	0.060	1.52	0.070	1.78	0.240	6.10	NOTE 1,7	
10119110-YYY003LF		0.318	8.08	0.318	8.08	0.060	1.52	0.045	1.14	0.190	4.83	NOTE 1,7	

A

C

D

A

B

C

D

mat'l. code				surface		tolerance		projection		product family					
NOTES 2 & 3				ISO 1302 ✓		ISO 406 ISO 1101				BERGSTIK					
ltr	ecn no	dr	date	tolerances unless otherwise specified						title					
A				angles	linear	XXX01/XXX.3				BERGSTIK® II HEADER .100/2.54cc DR R/A					
						XXX005/XXX.13									
				0°±2°		XXX0020/XXX.051									
							scale 1:1								
		dr	J.ZHOU	2011-09-21	dwg no								sheet 3 of 3		size
		enr	J.ZHOU	2011-09-21	10119110								A3		
		chr	J.ZHOU	2011-09-21	type								Product Customer Drawing		
		appd	-	-											
sheet index		revision sheet													

