

PRODUCT NUMBER

10119110-XXX XLF

LEAD FREE OPTION  
SEE NOTE 1,7

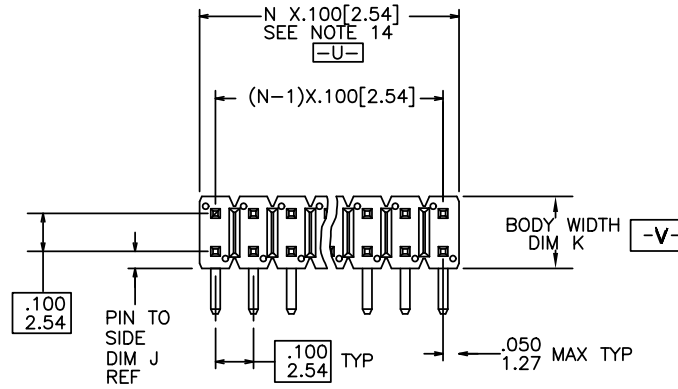
PACKAGING OPTION  
SEE NOTE 1

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

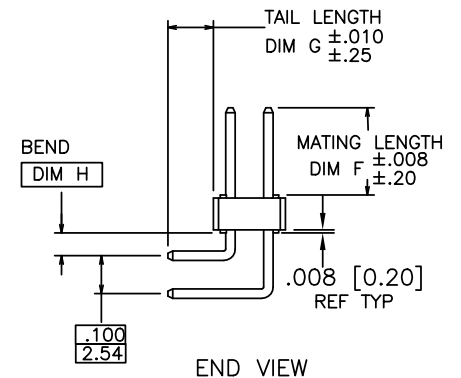
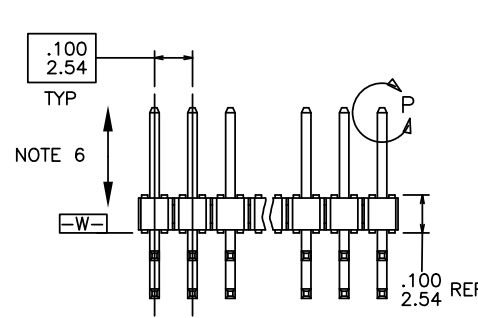
NO OF  
POSITIONS  
SEE NOTE 2

PIN PLATING  
SEE SHEET 2

BASE PART NO.



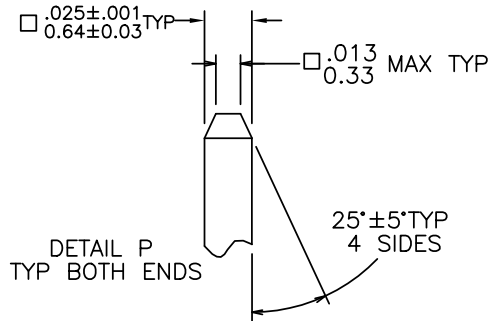
TOP VIEW



END VIEW

⊕	∅ .020/.51	Ⓜ	U	Ⓜ	V	W
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NOTE 4



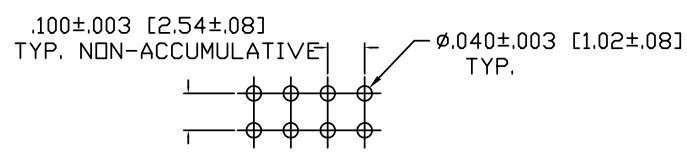
mat'l. code		surface		tolerance		projection		product family			
NOTES 2 & 3		ISO 1302 ✓		ISO 406 ISO 1101				BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified				title			
A	--	DCS	2012-10-22	angles	linear	INCH/MM		BERGSTIK® II HEADER .100/2.54cc DR R/A			
				0°±2'		scale 1:1		dwg no			
				dr	J.ZHOU	2011-09-21			sheet 1 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	A	A	A							
		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

- 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

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.



RECOMMENDED HOLE PATTERN

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/.XXX03 .XXX005/.XXX013 .XXX0020/.XXX0051		INCH/MM scale 1:1		
				dr		J.ZHOU 2011-09-21		dwg no		
				enr		J.ZHOU 2011-09-21		sheet 2 of 3		
				chr		J.ZHOU 2011-09-21		size		
				appd		-		10119110		
								A3		
								type		
								Product Customer Drawing		
sheet index	revision sheet									

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-XY001LF	0.230	5.84	0.120	3.05	0.060	1.52	0.045	1.14	0.190	4.83	NOTE 1,7
10119110-XY002LF	0.230	5.84	0.150	3.81	0.060	1.52	0.070	1.78	0.240	6.10	NOTE 1,7
10119110-XY003LF	0.318	8.08	0.318	8.08	0.060	1.52	0.045	1.14	0.190	4.83	NOTE 1,7



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ltr	ecn no	dr	date	tolerances unless otherwise specified				title	
A				angles	linear	INCH/MM		BERGSTIK® II HEADER	
				0°±2'		scale 1:1		.100/2.54cc DR R/A	
		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								