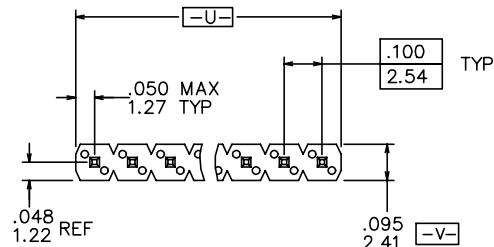


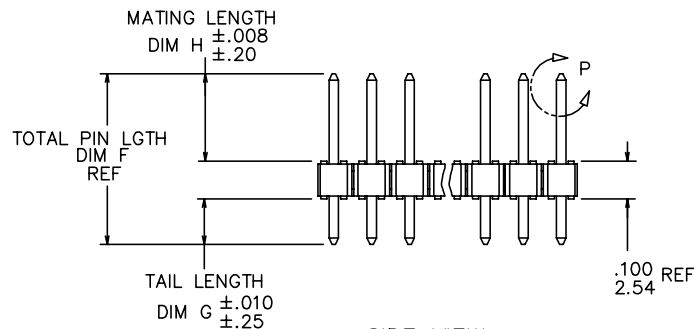
PRODUCT NUMBER
10125878-XXX XXXXLF

LEAD FREE OPTION
SEE NOTE 1,8
TUBE PACKAGING OPTION
SEE NOTE 1
INDICATES OTHER INFORMATION
SEE SHEET 3

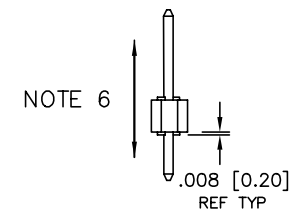
NO OF POSITIONS
SEE NOTE 1
PIN PLATING
SEE SHEET 2
BASE PART NO.



TOP VIEW



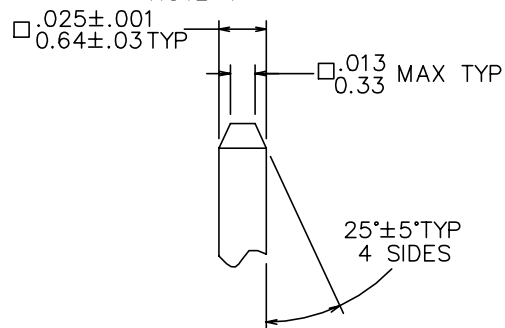
SIDE VIEW




END VIEW

⊕ ∅ .020/.51 (M) U (M) V (S)

NOTE 4



DETAIL P
TYP BOTH ENDS

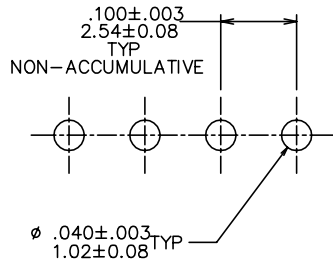
mat'l. code NOTES 2 & 3					surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK						
ltr		ecn no		dr		date		tolerances unless otherwise specified					title				
1		NEW		ZK		2013-5-30		angles		linear		.XXX±01/.XXX±0.3 .XXX±005/.XXX±0.13 .XXXX±0020/.XXXX±0.051		INCH/MM		BERGSTIK® II HEADER .100/2.54 SR SELF-RET	
								0°±2°				scale 2:1					
								dr		ZK HU		05/30/13				dwg no	
								enr		ZK HU		05/30/13				sheet 1 of 3	
								chr		RICK BIAN		05/30/13				size	
								appd		RICK BIAN		05/30/13				A3	
sheet		revision		1		1		1								type	
index		sheet		1		2		3								Product Customer Drawing	

PIN PLATING CODES:	
XXXXX-1YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-2YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-3YY	50u"/1.27u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-4YY	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 10)
XXXXX-4YYHLF	
XXXXX-5YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-6YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-7YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-8YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-9YY	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXX-0YY	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni

NOTES



- PART NUMBER OPTIONS:
PIN PLATING CODES (SEE ABOVE)
NUMBER OF POSITION:
ANY NUMBER OF POSITIONS FROM 2 THRU 36.
PACKAGING:
X= NONE, PACKAGED IN POLY BAGS.
X= T, PACKAGED IN TUBE.
X= A, PACKAGED IN TAPE AND REEL WITH PICKUP CAP.
LEAD FREE:
ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE
- BODY MATERIAL:
HIGH TEMPERATURE THERMO PLASTIC
FLAME RETARDENT PER UL-94V-0.
COLOR: BLACK.

THIS PART WILL WITHSTAND EXPOSURE
TO 260° PEAK TEMPERATURE FOR 20 SECONDS IN
WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

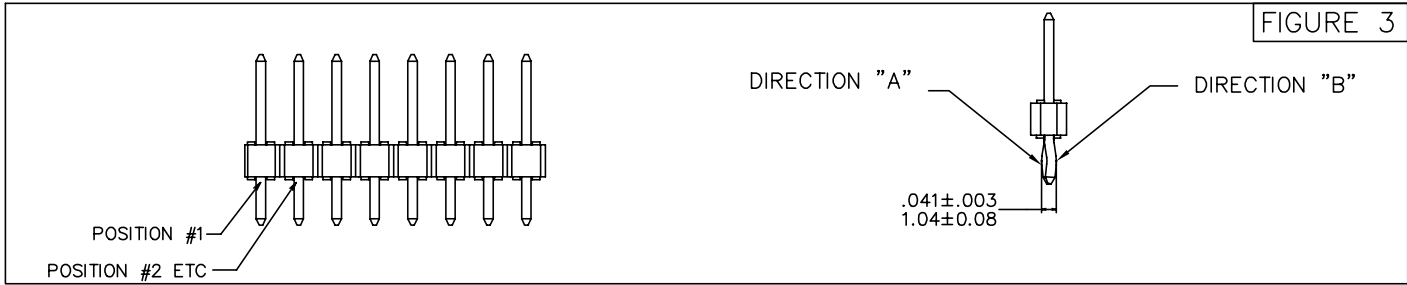
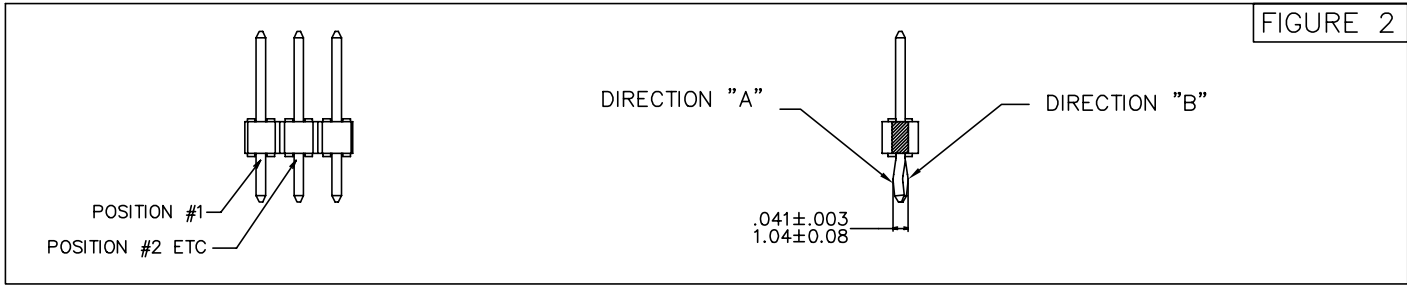
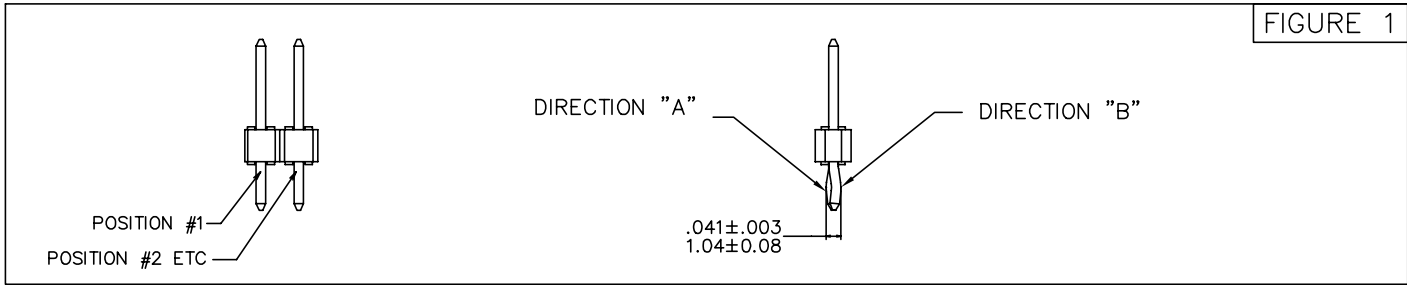


RECOMMENDED HOLE PATTERN

- PIN MATERIAL: COPPER ALLOY.
- MEASURED WITH PART IN RESTRAINED CONDITION.
- TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS.
- 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.
- 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.
- THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- PLATING OPTIONS:
PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL, OPTIONALLY (78~295u"/2~7.5u) TIN ON TAIL.
- "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

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				
1					angles	linear	$.XXX\pm.01/.XXX\pm.03$					INCH/MM				
				$.XXX\pm.005/.XXX\pm.013$												
				$.XXX\pm.0020/.XXX\pm.051$												
					$0^\circ\pm 2^\circ$							scale 2:1				
					dr	ZK HU	05/30/13					FCJ 				
					enr	ZK HU	05/30/13									
					chr	RICK BIAN	05/30/13									
					appd	RICK BIAN	05/30/13									
sheet index		revision sheet										dwg no		sheet 2 of 3		size
												10125878				A3
												type		Product Customer Drawing		

1	2	3						4	5	6
PRODUCT NUMBER	TOTAL PIN LENGTH		TAIL LENGTH		MATING LENGTH		RETENTION PIN POS.			
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	DIRECTION "A"	DIRECTION "B"	REFER TO	
10125878-X02001LF	0.450	11.43	0.120	3.05	0.230	5.84	1	2	FIGURE 1	
10125878-X03002LF	0.450	11.43	0.120	3.05	0.230	5.84	3	1,2	FIGURE 2	
10125878-X08003LF	0.450	11.43	0.120	3.05	0.230	5.84	4	5	FIGURE 3	



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							
1					angles	linear	.XX±01/.XX±0.3		INCH/MM		title	
				.XXX±005/.XXX±0.13								
				.XXX±0020/.XXX±0.051								
					0°±2°		.XXX±0020/.XXX±0.051		scale 2:1		BERGSTIK® II HEADER .100/2.54 SR SELF-RET	
				dr	ZK HU	05/30/13						
				enrg	ZK HU	05/30/13						
					chr	RICK BIAN	05/30/13			dwg no		
					appd	RICK BIAN	05/30/13			sheet 3 of 3 size		
sheet index		revision sheet								10125878		
										A3		
										type Product Customer Drawing		

Mouser Electronics

Authorized Distributor

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