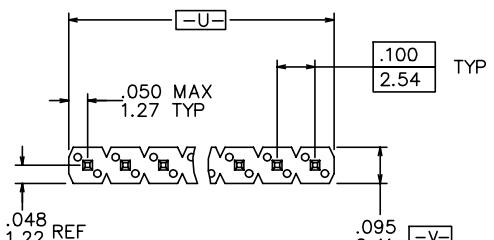


## PRODUCT NUMBER

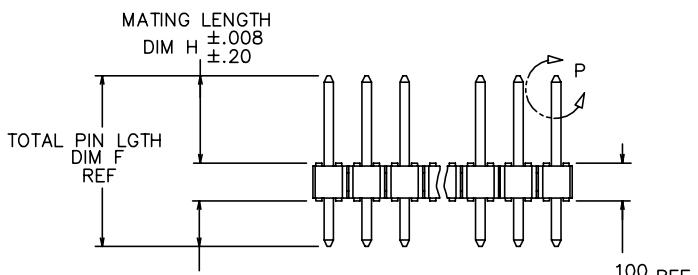
10125878-XYY XXXXLF

LEAD FREE OPTION  
SEE NOTE 1,8TUBE PACKAGING OPTION  
SEE NOTE 1INDICATES OTHER INFORMATION  
SEE SHEET 3NO OF POSITIONS  
SEE NOTE 1PIN PLATING  
SEE SHEET 2

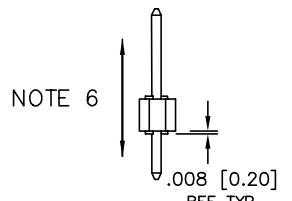
BASE PART NO.



TOP VIEW



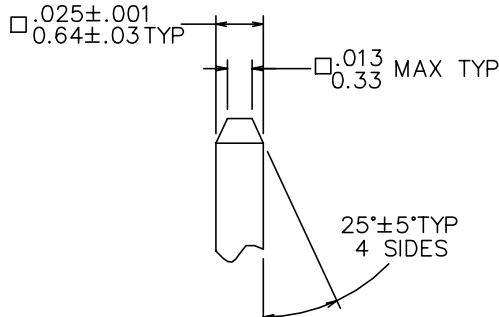
SIDE VIEW



END VIEW

 $\phi .020/.51$  (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
litr	ecn no	dr	date	tolerances unless otherwise specified				BERGSTIK
1	NEW	ZK	2013-5-30	angles	linear	JX401/X403 XXX005/XXX13 0°±2°	INCH/MM	title
				dr	ZK HU	05/30/13		BERGSTIK® II HEADER
				engr	ZK HU	05/30/13		.100/2.54 SR SELF-RET
				chr	RICK BIAN	05/30/13		
				appd	RICK BIAN	05/30/13		
sheet index		revision	1 1 1					dwg no
sheet 1 2 3								sheet 1 of 3 size
10125878 A3								
type Product Customer Drawing								

## PIN PLATING CODES:

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

## NOTES

## 1. 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

## 2. BODY MATERIAL:

HIGH TEMPERATURE THERMO PLASTIC

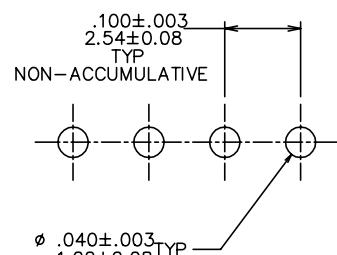
FLAME RETARDANT PER UL-94V-0.

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

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. 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. THESE PRODUCTS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
9. PLATING OPTIONS:  
PERFORMANCE PLATING WILL BE EITHER GOLD OR GXT ON POST OR TAIL,  
OPTIONALLY (78~295 $\mu$ "/2~7.5 $\mu$ ) TIN ON TAIL.
- 10."THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND  
HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT  
ENVIRONMENTS."

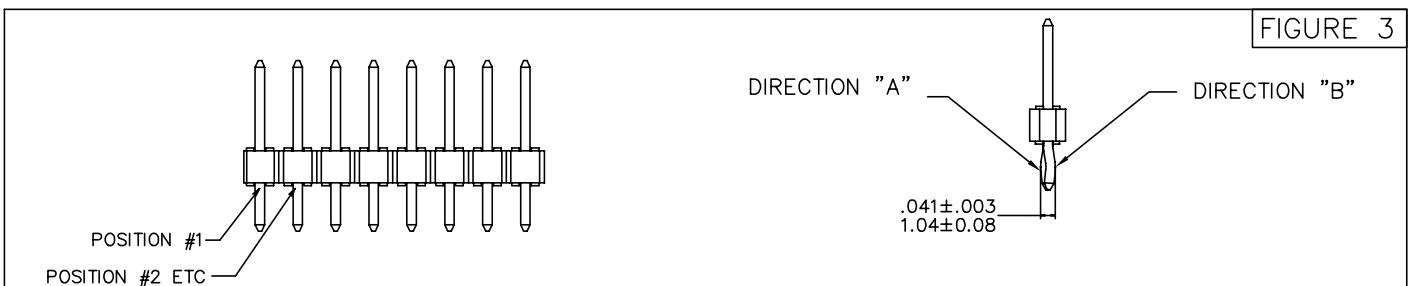
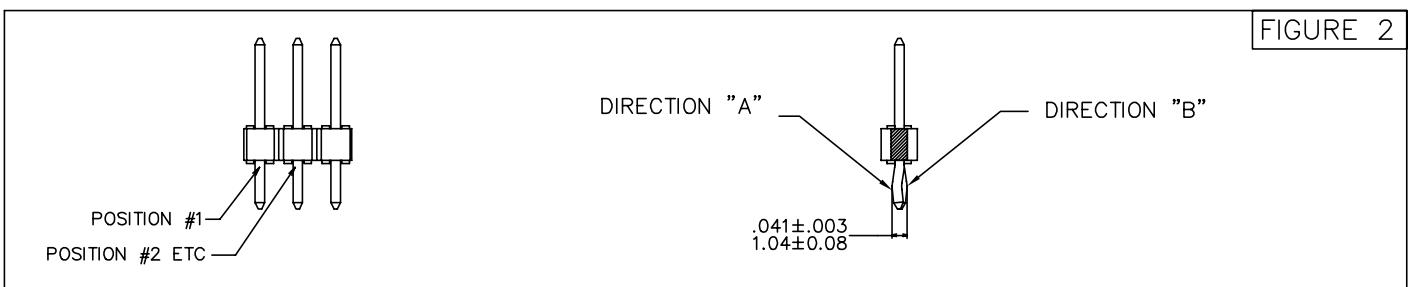
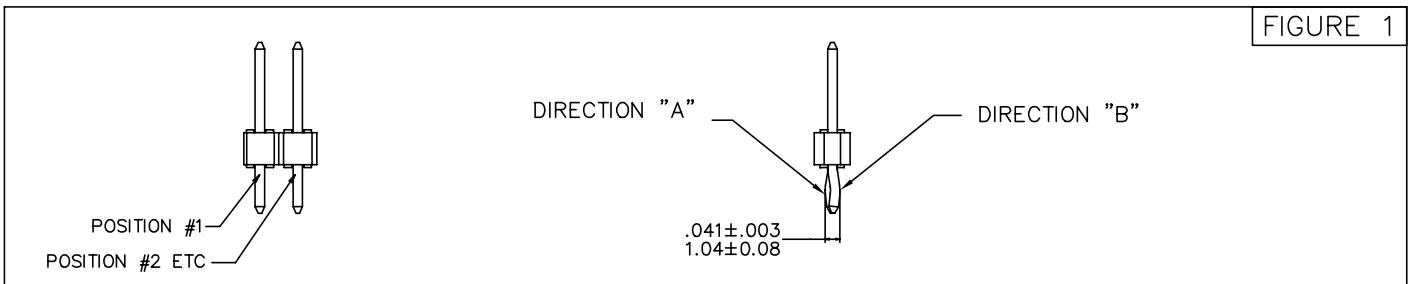
mat'l. code NOTES 2 & 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection	product family
ltr	ecn no	dr	date	tolerances unless otherwise specified					BERGSTIK
1						JX401/JX03			
						JXX±05/JXX±13			
						0°±2°			
				dr	ZK HU	05/30/13			
				engr	ZK HU	05/30/13			
				chr	RICK BIAN	05/30/13			
				appd	RICK BIAN	05/30/13			
				sheet	revision				
				index	sheet				

title BERGSTIK® II HEADER  
.100/2.54 SR SELF-RET

dwg no sheet 2 of 3 size  
10125878 A3

type Product Customer Drawing

PRODUCT NUMBER	TOTAL PIN LENGTH		TAIL LENGTH		MATING LENGTH		RETENTION PIN POS.		REFER TO
	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	DIRECTION "A"	DIRECTION "B"	
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 NOTES 2 & 3				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection	product family
ltr	ecn no	dr	date	tolerances unless otherwise specified		angles	linear	JX301/JX03	
1								JXX±.005/JXX±.13	INCH/MM
								JXXX±.0020/JXX±.051	scale 2:1
				dr	ZK HU	05/30/13			
				engr	ZK HU	05/30/13			
				chr	RICK BIAN	05/30/13			
				appd	RICK BIAN	05/30/13			
				sheet	revision				
				index	sheet				



10125878 A3

type Product Customer Drawing

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

[10125878-202001ALF](#) [10125878-208003ALF](#) [10125878-203002ALF](#)