

PRODUCT NUMBER

10087452 - X YY XXX H X LF

LEAD FREE OPTION  
(SEE NOTES 1&8)

PACKAGING OPTIONS  
(SEE NOTE 1)

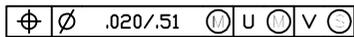
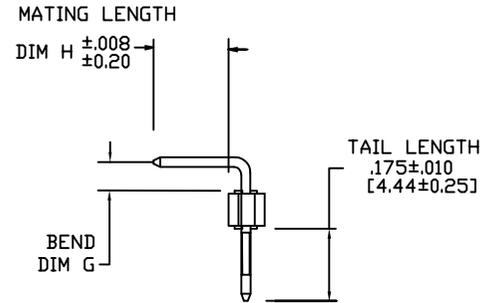
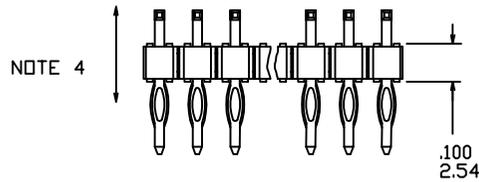
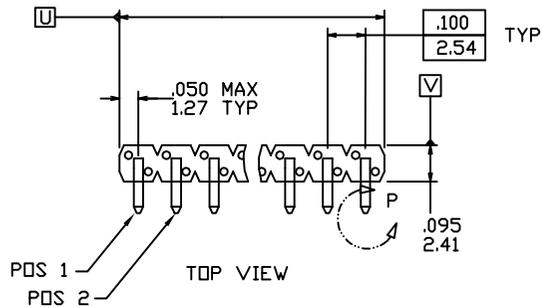
HIGH TEMPERATURE PLASTIC

INDICATES DIFFERENT MATING LENGTH  
TAIL LENGTH AND OTHER OPTIONS  
(SEE TABLE IN SHEET 3)

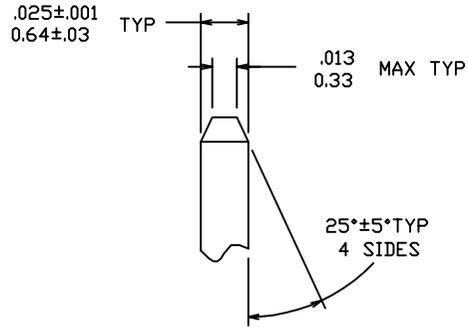
NO OF  
POSITIONS  
(SEE NOTE 1)

PIN PLATING  
(SEE SHEET 2)

BASE PART NO.



NOTE 5



DETAIL P  
TYP BOTH ENDS

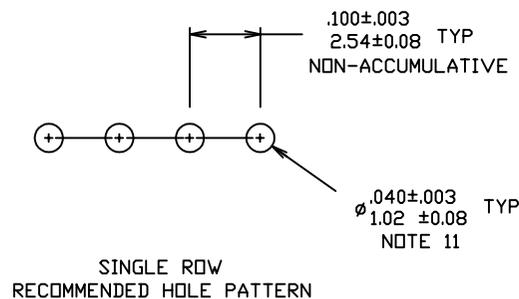
mat'l. code		surface		tolerance		projection		product family	
NOTES 2 & 3		ISO 1302 ✓		ISO 406		INCH/MM		BERGSTIK	
ISO 1101		tolerances unless otherwise specified						title	
ltr	ecn	nldr	date	angles	linear	scale 2:1		BERGSTIK <sup>®</sup> EON HEADER	
A		J.Z	11/24/11	0°±2'	.XXX±.01 / .XX±0.3			.100/2.54cc SR R/A	
B	ELX-N-22285	MZ	10/26/15		.XXX±.005 / .XX±0.13			dwg no	
					.XXXX±.0020 / .XXX±0.05			sheet 1 of 3 size	
				dr	J.ZHOU	2011-11-24		10087452	
				enr	J.ZHOU	2011-11-24		A3	
				chr	J.ZHOU	2011-11-24		type	
				appd	R.BIAN	2011-11-24		Product Customer Drawing	
sheet	revision	B	B	B					
index	sheet	1	2	3					

PIN PLATING CODES	
XXXXXXXX-1YYLF	30u"/0.76u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXXXXX-2YYLF	15u"/0.38u MIN (SEE NOTE 9) OVER 50u"/1.27u MIN Ni
XXXXXXXX-4YYLF	50u"/1.27u MIN Au OVER 50u"/1.27u MIN Ni
XXXXXXXX-5YYLF	100u"/2.54u MIN Sn OVER 50u"/1.27u MIN Ni (SEE NOTE 9)

NOTES

- ① PART NUMBER OPTIONS:  
 PIN PLATING CODES (SEE ABOVE)  
 NUMBER OF POSITION:  
 ANY NUMBER OF POSITIONS FROM 1 THRU 36.  
 PACKAGING: NONE=POLY BAG  
 T =TUBE  
 A =TAPE AND REEL WITH PICKUP CAPS  
 LEAD FREE:  
 PART NUMBERS WITH "LF" SUFFIX ARE LEAD FREE.
- ② BODY MAT'L: HIGH TEMPERATURE THERMOPLASTIC.  
 FLAME RETARDANT PER UL 94V-0.  
 COLOR: BLACK.  
 FOR HIGH-TEMPERATURE APPLICATIONS, SPECIFY A "H" AT THE END OF THE PART NUMBER.  
 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.

- ③ PIN MATERIAL: COPPER ALLOY.  
 ④ MEASURED WITH PART IN RESTRAINED CONDITION.  
 5. TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS.  
 ⑥ 2 Lbs / 0.9 Kg MIN RETENTION IN EITHER DIRECTION.  
 ⑦ THIS PRODUCT 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% PURE TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS.\*  
 ⑩  $\phi$ .0453/1.151 DRILLED HOLE PLATED WITH .0003/.007 MIN. Sn OVER .001/.03 TO .003/.08 Cu. PLATING TO ACHIEVE A  $\phi$ .040 $\pm$ .003/1.02 $\pm$ .08 HOLE.  
 11 PRODUCT SPECIFICATION: BUS-12-117.



mat'l. code		surface	tolerance	projection	product family
ISO 1302		ISO 406	ISO 1101		BERGSTIK
tolerances unless otherwise specified					title
ltr	ecn no	dr	date	INCH/MM	BERGSTIK <sup>®</sup> II EON HEADER
B				scale 2:1	.100/2.54cc SR R/A
					dwg no
					sheet 2 of 3
					size
					10087452
					A3
					type
					Product Customer Drawing
sheet	revision				
index	sheet				

PRODUCT NO.	TOTAL PIN LGTH		MATING LENGTH DIM H		BEND LENGTH DIM G		OMIT PIN POSITION	PACKAGING
	INCH	MM	INCH	MM	INCH	MM		
10087452-YYYHLF	.510	12.95	.138	3.49	.060	1.52	#2	POLY/BAGS
10087452-YYY001HLF	.510	12.95	.118	3.00	.079	2.00	#2	POLY/BAGS



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mat'l. code		surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family BERGSTIK
ltr	ecn	no	dr	date	tolerances unless otherwise specified
B					angles linear .XX±.01/.XX±0.3 .XXX±.005/.XXX±0.13 0°±2' .XXXX±.0020/.XXX±0.051
					scale 2:1
			dr	J.ZHOU	2011-11-24
			enr	J.ZHOU	2011-11-24
			chr	J.ZHOU	2011-11-24
			appd	R.BIAN	2011-11-24
sheet index	revision sheet				



title  
BERGSTIK®II EON HEADER  
.100/2.54cc SR

dwg no 10087452 sheet 3 of 3 size A3

type Product Customer Drawing