

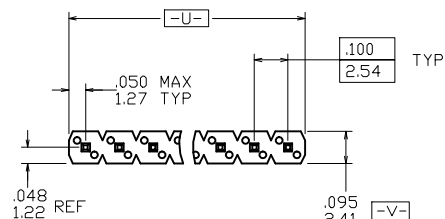
PRODUCT NUMBER
XXXXXXXX-YYHTLF

LEAD FREE OPTION
SEE NOTE 11& 12
TUBE PACKAGING OPTION
SEE NOTE 8
HIGH TEMPERATURE PLASTIC

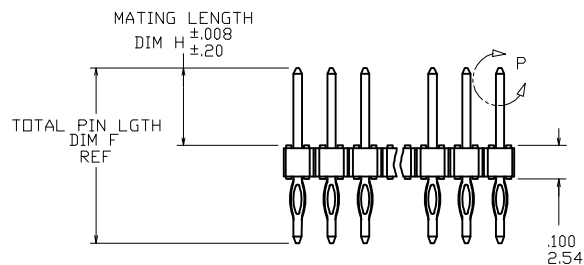
NO OF
POSITIONS
SEE NOTE 1

PIN PLATING
SEE SHEET 2

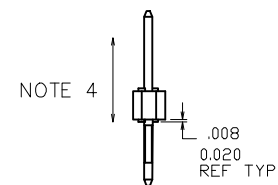
BASE PART NO.



TOP VIEW



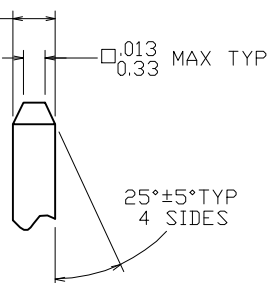
SIDE VIEW



⌀ .020/.51 Ⓜ U Ⓜ V Ⓢ

NOTE 5

□ .025±.001
0.64±.03 TYP
□ .013
0.33 MAX TYP



DETAIL P
TYP BOTH ENDS

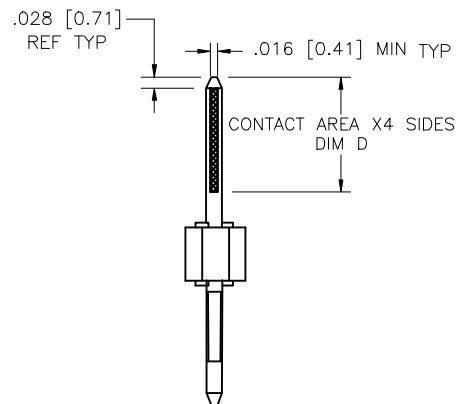
mat'l. code NOTES 2 & 3				surface ISO 1902 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM scale 2:1	product family BERGSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified			
A	M07-0452	MHT	10/11/07	angles	XXX±.01/XX±.03	FCJ	title BERGSTIK® II EON HEADER .100/2.54cc SR
B	M08-0279	MHT	9/30/08	linear	XXX±.005/XX±.013		
				0'±2'	XXX±.0020/XXX±0.05		
				dr	M.HERNANDEZ 10/11/07		dwg no
				engr	S.FIERRO 10/11/07		sheet 1 of 3 size
				chr	S.FIERRO 10/11/07		10083113 A3
				appd	S.FIERRO 10/11/07		type Product Customer Drawing
sheet	revision	B	B	B			
index	sheet	1	2	3			

PLATING NUMBER	CONTACT AREA "DIM D" PLATING	PRESS FIT TAIL PLATING
XXXXXXXX-1YYLF	30u"/0.76u Au OVER 50u"/1.27u Ni	40u"/1.02u TIN OVER 50u"/1.27u Ni
XXXXXXXX-2YYLF	15u"/0.38u Au OVER 50u"/1.27u Ni	40u"/1.02u TIN OVER 50u"/1.27u Ni
XXXXXXXX-4YYLF	120u"/3.05u TIN OVER 50u"/1.27u Ni	120u"/3.05u TIN OVER 50u"/1.27u Ni
XXXXXXXX-5YYLF	30u"/0.76u GXT OVER 50u"/1.27u Ni	40u"/1.02u TIN OVER 50u"/1.27u Ni

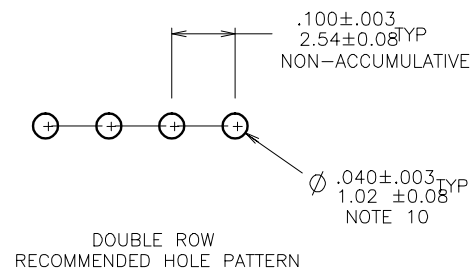
NOTE 13

NOTES

- ① BODY MATERIAL: GLASS FIBER REINFORCED PCT FLAME RETARDENT PER UL-94V-O. COLOR: BLACK.
OR
MINERAL FILLED LCP FLAME RETARDENT PER UL-94V-O. COLOR: BLACK.
- ② PIN MATERIAL: PHOS-BRONZE.
3. FINISH: SEE TABLE
- ④ 2 Lbs / 0.9 Kg MIN RETENTION IN EITHER DIRECTION.
- ⑤ MEASURED WITH PART IN RESTRAINED CONDITION.
- ⑥ ANY NUMBER OF POSITIONS FROM 2 THRU 36.
7. PACKAGED IN POLY BAGS.
- ⑧ TWELVE DIGIT PART NUMBERS FOLLOWED BY A "T" ARE PACKAGED IN TUBES. SEE SPECIFIC PART NUMBERS FOR AVAILABILITY.
- ⑨ TO ASSURE PROPER INSTALLATION: BERG TOOLING, AS SPECIFIED IN INSTRUCTION MANUAL 166577 MUST BE USED. PIN MATING LENGTH WILL BE $\pm 0.005/0.13$ AFTER INSTALLATION.
- 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 PART NUMBERS WITH "LF" SUFFIX ARE LEAD FREE.
- ⑫ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- ⑬ "THIS PRODUCT HAS 100% PURE TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."



SINGLE ROW
END VIEW



DOUBLE ROW
RECOMMENDED HOLE PATTERN

mat'l code	surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family BERGSTIK
ltr	ecn no	dr	date	title
B				BERGSTIK® II EON HEADER
				.100/2.54cc SR
				dwg no
				sheet 2 of 3
				size
				A3
				type
				Product Customer Drawing
sheet index	revision sheet			

PRODUCT NO.	TOTAL PIN LGTH		MATING	LENGTH	CONTACT AREA		
	DIM F	DIM F	DIM H	DIM H	DIM D	DIM D	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	PACKAGING
10083113-XYHLF	.608	15.44	.318	8.08	.200	5.08	POLY/BAGS

mat'l. code				surface ISO 1302 ☒		tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
B				angles	linear		$.XX \pm .01 / X \pm 0.3$ $.XXX \pm .005 / XX \pm 0.13$ $.XXX \pm .0020 / XXX \pm 0.05$		INCH/MM		BERGSTIK® II EON HEADER		
				0' ± 2'					scale 2:1		.100/2.54cc SR		
				dr	M.HERNANDEZ		10/11/07				dwg no		
				engr	S.FIERRO		10/11/07				sheet 3 of 3		
				chr	S.FIERRO		10/11/07				size		
				appd	S.FIERRO		10/11/07				A3		
sheet index		revision sheet											

Mouser Electronics

Authorized Distributor

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[10083113-216LF](#) [10083113-416LF](#) [10083113-106LF](#) [10083113-203LF](#) [10083113-102LF](#) [10083113-114LF](#)