

PRODUCT NUMBER
XXXXXXXX-YYTTLF

LEAD FREE OPTION (SEE NOTE 11 & 12)

TUBE PACKAGING (SEE NOTE 8)

NO. OF POSITIONS (SEE NOTE 6)

PLATING NUMBER
(SEE SHEET 2)

BASE PART NO.
(SEE SHT 3)

$\phi .020/0.51$ U V S
NOTE 5

$.025 \pm .001$
 0.64 ± 0.03 TYP

$.014$ MAX TYP
 0.35

DETAIL P
SCALE: 4/1
TYP BOTH ENDS

$21 \pm 5^\circ$ TYP
4 SIDES

MATING LENGTH
DIM H
NOTE 9

TOTAL PIN LENGTH
DIM F
 $\pm .010$
 ± 0.25

$.100$ TYP
 2.54

$.100$
 2.54

$.050$ MAX
 1.27 TYP

$.045$
 1.14
REF

$.190$
 4.83
V

$.084$
 2.13
REF

NOTE 4

$.008$
 0.20
TYP REF

NOTE 6

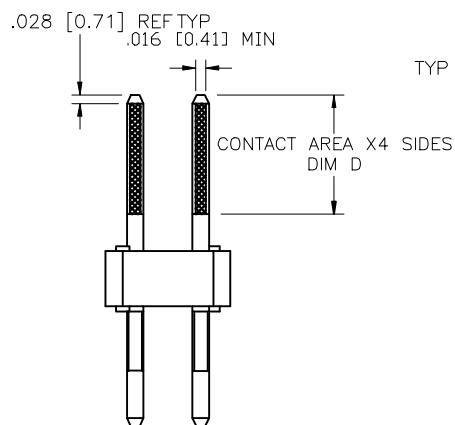
mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family BERGSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title
A	M07-0323	MHT	3/01/07	angles	linear		BERGSTIK® II HEADER DR
B	M08-0279	MHT	9/30/08	linear	linear	scale 2:1	.100/2.54cc DUPLEX PRESS FIT
				dr	M.HERNANDEZ	3/01/07	dwg no
				engr	S.FIERRO	3/01/07	sheet 1 of 3 size
				chr	S.FIERRO	3/01/07	A3
				appd	S.FIERRO	3/01/07	type
				Product Customer Drawing			
sheet index	revision	B	B	B			
	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

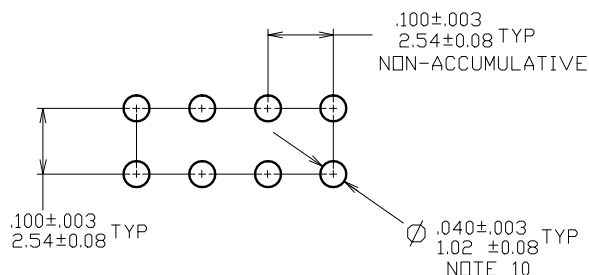
NOTE 13

NOTES

- ① BODY MATERIAL: GLASS FIBER REINFORCED PCT FLAME RETARDANT PER UL-94V-O. COLOR: BLACK.
OR
MINERAL FILLED LCP FLAME RETARDANT 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 (2X1) THROUGH 72 (2X36).
7. PACKAGED IN POLY BAGS.
- ⑧ EIGHT 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."



DOUBLE ROW
END VIEW



DOUBLE ROW
RECOMMENDED HOLE PATTERN

mat'l. code		surface ISO 1302		tolerance ISO 406 ISO 1101		projection INCH/MM		product family BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM		title	
B				angles	linear	scale 2:1		BERGSTIK® II HEADER DR	
				0°±2'				.100/2.54cc DUPLEX PRESS FIT	
				dr	M.HERNANDEZ	3/01/07	dwg no		sheet 2 of 3 size
				engr	S.FIERRO	3/01/07	10077239		A3
				chr	S.FIERRO	3/01/07	type		Product Customer Drawing
				appd	S.FIERRO	3/01/07			
sheet	revision								
index	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
10077239-XY	0.608	15.44	0.318	8.08	0.200	5.08	POLY BAGS/TUBE

mat'l. code				surface ISO 1302 ☒ tolerance ISO 406 ISO 1101		projection 		product family BERGSTIK	
ltr	ecp no	dr	date	tolerances unless otherwise specified		INCH/MM scale 2:1		 title BERGSTIK® II HEADER DR .100/2.54cc DUPLEX PRESS FIT dwg no 10077239 sheet 3 of 3 size A3 type Product Customer Drawing	
B				angles	linear				
				0° ± 2'	linear				
				dr	M.HERNANDEZ	3/01/07			
				engr	S.FIERRO	3/01/07			
				chr	S.FIERRO	3/01/07			
				appd	S.FIERRO	3/01/07			
sheet index	revision sheet								

Mouser Electronics

Authorized Distributor

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FCI:

[10077239-420LF](#) [10077239-164LF](#) [10077239-126LF](#) [10077239-118LF](#)