

PRODUCT NUMBER
XXXXXXX-YYTLF

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

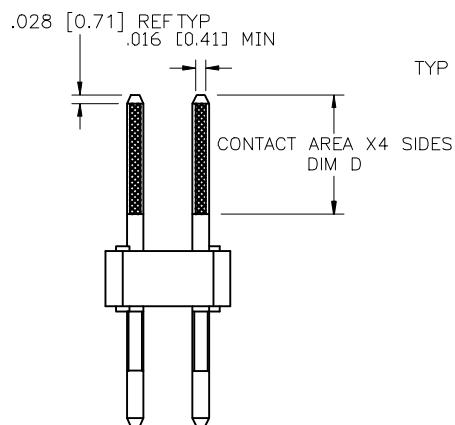
mat'l. code				surface ISO 1902	tolerance ISO 406 ISO 1101	projection	product family BERGSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
A	M07-0323	MHT	3/01/07	angles	linear	INCH/MM	BERGSTIK® II HEADER DR
B	M08-0279	MHT	9/30/08	0° ± 2°	linear	scale 2:1	.100/2.54cc DUPLEX PRESS FIT
dr	M.HERNANDEZ	3/01/07		engr	S.FIERRO	3/01/07	dwg no
chr	S.FIERRO	3/01/07		appd	S.FIERRO	3/01/07	sheet 1 of 3 size
sheet	revision	B	B	B			A3
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

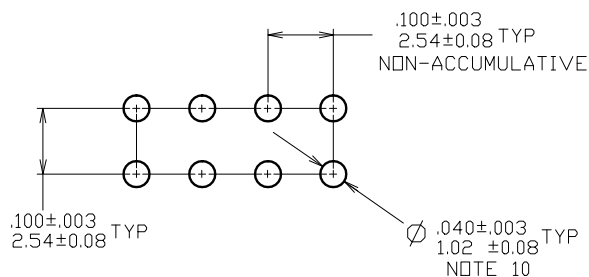
NOTE 13

NOTES

- ① BODY MATERIAL: GLASS FIBER REINFORCED PCT FLAME 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	product family BERGSTIK
ltr	ecp no	dr	date	title
B				BERGSTIK® II HEADER DR
				.100/2.54cc DUPLEX PRESS FIT
				scale 2:1
				dwg no
				sheet 2 of 3 size
				10077239 A3
				type Product Customer Drawing
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 ☒ 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		
B				angles	linear					
				0° ± 2'	.XX±.01/XX±0.3 .XXX±.005/XX±0.13 .XXX±.0020/XXX±0.051					
				dr	M.HERNANDEZ	3/01/07			dwg no 10077239	
				engr	S.FIERRO	3/01/07				
				chr	S.FIERRO	3/01/07				
				appd	S.FIERRO	3/01/07				
sheet index		revision sheet						type Product Customer Drawing		

Mouser Electronics

Authorized Distributor

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

FCI / Amphenol:

<u>10077239-108LF</u>	<u>10077239-110LF</u>	<u>10077239-116LF</u>	<u>10077239-120LF</u>	<u>10077239-214LF</u>	<u>10077239-216LF</u>
<u>10077239-416LF</u>	<u>10077239-116TLF</u>	<u>10077239-420LF</u>	<u>10077239-164LF</u>	<u>10077239-126LF</u>	<u>10077239-118LF</u>
<u>10077239-172LF</u>	<u>10077239-140LF</u>	<u>10077239-112LF</u>	<u>10077239-106TLF</u>	<u>10077239-204LF</u>	