

PRODUCT NUMBER

XXXXX-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

$.025 \pm .001$   
 $0.64 \pm 0.03$  TYP

$.013$  MAX TYP  
 $0.33$

DETAIL P

SCALE: 4/1  
TYP BOTH ENDS

$25^\circ \pm 5^\circ$  TYP  
4 SIDES

MATING LENGTH  
DIM H  
NOTE 9

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

$.100$  TYP  
 $2.54$

$.050$  MAX  
 $1.27$  TYP

$.100$   
 $2.54$

$.045$   
 $1.14$  REF

$.190$   
 $4.83$

$.100$  REF  
 $2.54$

NOTE 4

$.084$  [2.13]  
REF

$.008$  [0.20]  
TYP REF

NOTE 6

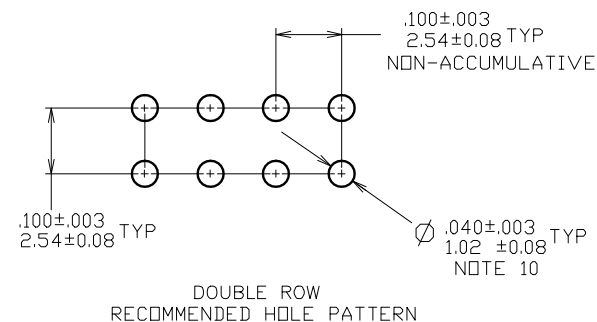
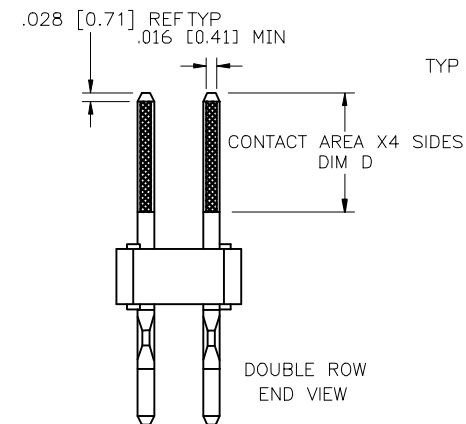
mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family BERGSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title
C	V51033	LSS	9/1/95	angles	linear		BERGSTIK® II HEADER DR
D	V71404	HTB	10/6/97				.100/2.54cc DUPLEX PRESS FIT
E	N05-0070	MHT	4/14/05	$0^\circ \pm 2^\circ$		scale 2:1	dwg no
F	M05-0118	MHT	6/03/05	dr	T. BREWBAKER	11/10/94	sheet 1 of 3 size
G	M06-0271	AGS	7/17/06	engr	T. HANNA	11/10/94	A3
H	M06-0346	MHT	9/04/06	chr	T. HANNA	11/10/94	type
J	M08-0291	MHT	10/08/08	appd	T. HANNA	5/31/95	Product Customer Drawing
sheet	revision	J	J	J			
index	sheet	1	2	3			

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

# 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 (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  $\pm .005/0.13$  AFTER INSTALLATION.
10.  $\phi .0453/1.151$  DRILLED HOLE PLATED WITH  $.0003/0.07$  MIN. SnPb OVER  $.001/0.03$  TO  $.003/0.08$  Cu. PLATING TO ACHIEVE A  $\phi .040\pm .003/1.02\pm .08$  HOLE.
11. ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
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."

NOTE 13



mat'l. code	surface ISO 1302	tolerance ISO 406	projection ISO 1101	product family BERGSTIK
ltr	ecn no	dr	date	title
J				BERGSTIK® II HEADER DR
				.100/2.54cc DUPLEX PRESS FIT
				dwg no
				sheet 2 of 3
				size
				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
94674-YYY	0.505	12.83	0.230	5.84	0.185	4.70	POLY BAGS
94677-YYY	0.593	15.06	0.318	8.08	0.200	5.08	POLY BAGS
94674-YYLFF	0.505	12.83	0.230	5.84	0.185	4.70	POLY BAGS
94677-YYLFF	0.593	15.06	0.318	8.08	0.200	5.08	POLY BAGS

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ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
J				angles	linear		.XXt.01/XXt0.3 .XXXt.0050/XXt0.13 .XXXt.0020/XXXt0.051		INCH/MM		BERGSTIK® II HEADER DR		
				0'±2'					scale 2:1		.100/2.54cc DUPLEX PRESS FIT		
				dr	T. BREWBAKER		11/10/94		dwg no		sheet 3 of 3 size		
				engr	T. HANNA		11/10/94		94674		A3		
				chr	T. HANNA		11/10/94						
				appd	T. HANNA		5/31/95		type		Product Customer Drawing		
sheet	revision												
index	sheet												