

PRODUCT NUMBER

XXXXX-XXXTLF

LEAD FREE OPTION
SEE NOTE 10 AND 11

TUBE PACKAGING OPTION
SEE NOTE 8

PRODUCT PART NO.

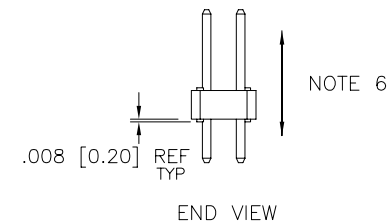
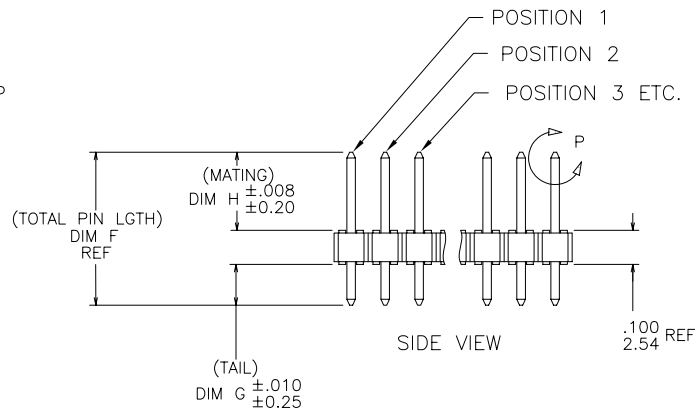
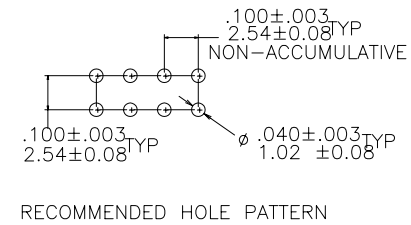
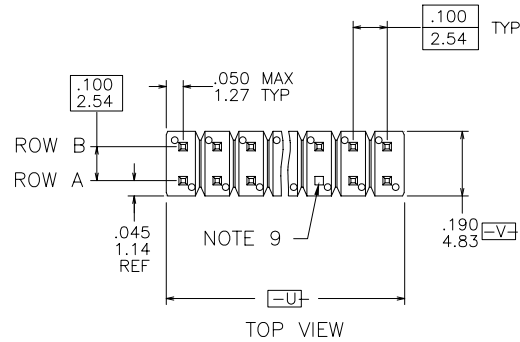
NOTE 5
Ø .020/0.51 (M) U (M) V (S)

□ .025±.001
0.64±0.03 TYP

□ .013
0.33 MAX TYP

DETAIL P
TYP BOTH ENDS

25°±5° TYP
4 SIDES

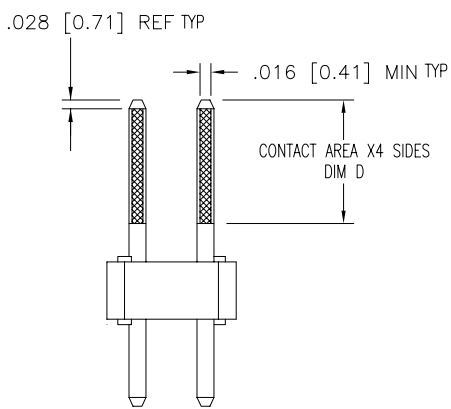


mat'l. code				surface	tolerance	projection	product family
				ISO 1302	ISO 406 ISO 1101		BERGSTIK
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
A	V70451	HTB	4/03/97	angles	linear	.XX±.01/.3	BERGSTIK® II HEADER DUPLEX
B	V80334	HTB	3/04/98			.XXX±.005/.13	.100/2.54cc DR. STR., POL.
C	V91389	EPK	6/16/99	0°±2°		.XXX±.0020/.051	scale 2:1
D	V02325	MDF	9/15/00	dr	T. BREWBAKER	4/3/97	
E	V20230	GIP	2/05/02	enr	M. SMIK	4/3/97	
F	M05-0118	ERE	6/02/05	chr	T. BREWBAKER	4/3/97	
G	M06-0271	AGS	7/14/06	appd	M. SMIK	4/3/97	
sheet	revision	G	G	G			dwg no
index	sheet	1	2	3			94697
							sheet 1 of 3 size
							A3
							type Product Customer Drawing

1	2	3	4	5	6
PLATING NUMBER	Contact Area "Dim D" (NOTE 3)				
1	30u"/0.76u Au OVER 50u"/1.27u Ni				
2	15u"/0.38u Au OVER 50u"/1.27u Ni.				

NOTES

- ① BODY MATERIAL:
- ② PIN MATERIAL: PHOS-BRONZE.
GLASS FIBER REINFORCED PCT FLAME RETARDANT
PER UL-94V-0. COLOR: BLACK.
- ③ FINISH:
CONTACT AREA: SEE TABLE
SOLDER TAIL: 100u"/2.54u TIN/LEAD (60/40) OVER 50u"/1.27u Ni
LEAD FREE OPTION:
SOLDER TAIL: 100u"/2.54u TIN OVER 50u"/1.27u NI
- 4. SEE SPECIFIC PART NUMBERS FOR NUMBER OF POSITIONS..
- ⑤ MEASURED WITH PART IN RESTRAINED CONDITION.
- ⑥ 2LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.
- 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 PINS OMITTED FROM SPECIFIED LOCATIONS FOR POLARIZATION. SEE SPECIFIC PART NUMBERS FOR LOCATIONS.
- ⑩ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- ⑪ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- 12. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. OR FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.



END VIEW

mat'l. code				surface	tolerance	projection	product family
				ISO 1302	ISO 406		BERGSTIK
				ISO 1101	ISO 1101		
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title
G							BERGSTIK® II HEADER DUPLEX
					angles	INCH/MM scale 2:1	.100/2.54cc DR. STR., POL.
					linear		
					0°±2'		dwg no
				dr	T. BREWBAKER		sheet 2 of 3 size
				enr	M. SMIK		94697
				chr	T. BREWBAKER		A3
				appd	M. SMIK		type
sheet	revision						Product Customer Drawing
index	sheet						



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PRODUCT NUMBER		TOT. PIN LGTH.	TAIL LENGTH	MATING LENGTH	CONTACT AREA							
	NO. OF	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	DIM D	DIM D	PLATING	POLARIZED	
	POS.	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	NUMBER	POSITION	PACKAGING
94697-001	2x8	0.450	11.43	0.120	3.05	0.230	5.84	0.185	4.70	1	B-7	POLY BAGS
94697-002	2x7	0.450	11.43	0.120	3.05	0.230	5.84	0.185	4.70	1	B-3	POLY BAGS
94697-003	2x15	0.425	10.79	0.095	2.41	0.230	5.84	0.185	4.70	1	B-3	POLY BAGS
94697-004	2x8	0.425	10.79	0.095	2.41	0.230	5.84	0.185	4.70	2	B-5, B-7	POLY BAGS
94697-005	2x36	0.930	23.62	0.600	15.24	0.230	5.84	0.185	4.70	1	A-10,11,12,13,14,23,24,25,26,27 B-10,11,13,14,23,24,26,27	POLY BAGS
94697-001LF	2x8	0.450	11.43	0.120	3.05	0.230	5.84	0.185	4.70	1	B-7	POLY BAGS
94697-002LF	2x7	0.450	11.43	0.120	3.05	0.230	5.84	0.185	4.70	1	B-3	POLY BAGS
94697-003LF	2x15	0.425	10.79	0.095	2.41	0.230	5.84	0.185	4.70	1	B-3	POLY BAGS
94697-004LF	2x8	0.425	10.79	0.095	2.41	0.230	5.84	0.185	4.70	2	B-5, B-7	POLY BAGS
94697-005LF	2x36	0.930	23.62	0.600	15.24	0.230	5.84	0.185	4.70	1	A-10,11,12,13,14,23,24,25,26,27 B-10,11,13,14,23,24,26,27	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	INCH/MM scale 2:1 	title
G					angles linear .XX±.01/.3		BERGSTIK® II HEADER DUPLEX
					0'±2' .XXX±.005/.13		.100/2.54cc DR. STR., POL.
					.XXXX±.0020/.051		dwg no sheet 3 of 3 size
				dr	T. BREWBAKER 4/3/97		94697 A3
				enr	M. SMIK 4/3/97		
				chr	T. BREWBAKER 4/3/97		
				app	M. SMIK 4/3/97		
sheet index	revision sheet						type Product Customer Drawing

form: A3