

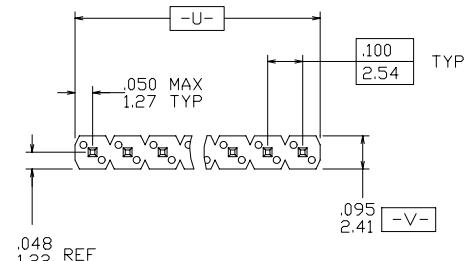
Product Number

XXXXX-XX Y TLF
LEAD FREE OPTION
SEE NOTE 9 & 10
TUBE PACKAGING OPTION
SEE NOTE 8
NO. OF POSITIONS
SEE NOTE 4
PLATING NUMBER
SEE SHEET 2
BASE PART NO.

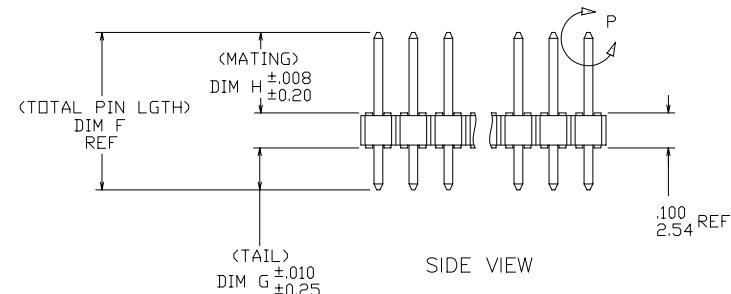
4 |

5

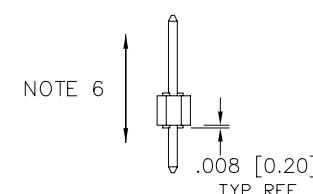
6



TOP VIEW



SIDE VIEW



END VIEW

∅ .020/0.51 M U M V S

DATE 5

$0.25 \pm .001$ $0.64 \pm .03$ TYP

.100±.003 TYPE
 2.54±.08
 NØN-ACCUM.
 .040±.003
 $\phi 1.02 \pm 0.08$

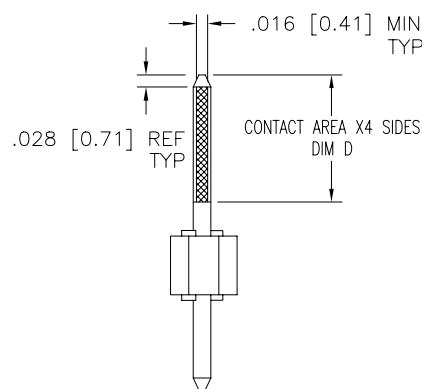
RECOMMENDED HOLE PATTERN

DETAIL P
TYP BOTH ENDS

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	V41425	MSC	9/22/94	angles		.XXX ±.01/.3	INCH/MM			BERGSTIK® II HEADER DUPLEX	
B	V31052	EPK	7/30/96	linear		.XXX ±.005/.13				.100/.2.54cc SR STRAIGHT	
C	M05-0118	ERE	6/02/05	Ø±2°		.XXXX ±.0020/.0051	scale 2:1				
D	M06-0270	AEA	7/14/06	dr	T. BREWBAKER	7/20/94		dwg no		sheet 1 of 3	
				engr	T. HANNA	7/20/94		94645		size	
				chr	J. MURPHY	7/20/94		A3			
				oppd	T. HANNA	7/20/94					
sheet	revision	D	D	D							
index	sheet	1	2	3							

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

NOTES



END VIEW

- ① BODY MATERIAL: GLASS FIBER REINFORCED PCT FLAME RETARDANT PER UL-94V-0. COLOR: BLACK.
- ② PIN MATERIAL: PHOS-BRONZE.
- 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 ANY NUMBER OF POSITIONS FROM 1 (1X1) THRU 36 (1X36).
- 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 ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- ⑩ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
11. 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.

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
D					angles	.xx ±.01/.3	INCH/MM	BERGSTIK® II HEADER DUPLEX
					linear	.xxx ±.005/.13	scale 2:1	.100/2.54cc SR STRAIGHT
					σ±2°	.xxxx ±.0020/.051		
					dr	E. KROPIEWNICKI 7/30/96		
					engr	T. BREWBAKER 7/30/96		
					chr	T. BREWBAKER 7/30/96		
					appd	T. BREWBAKER 7/30/96		
					sheet	revision		
					index	sheet		

PRODUCT NO.	TOTAL PIN LENGTH		TAIL LENGTH		MATING LENGTH		CONTACT AREA		
NOTE 9	DIM F	DIM F	DIM G	DIM G	DIM H	DIM H	DIM D	DIM D	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	PACKAGING
94645-XYY	0.425	10.80	0.095	2.41	0.230	5.84	0.185	4.70	POLYBAGS
94659-XYY	0.450	11.43	0.120	3.05	0.230	5.84	0.185	4.70	POLYBAGS
94660-XYY	0.525	13.34	0.107	2.72	0.318	8.08	0.200	5.08	POLYBAGS
94661-XYY	0.568	14.43	0.150	3.81	0.318	8.08	0.200	5.08	POLYBAGS
94684-XYY	0.480	12.19	0.150	3.81	0.230	5.84	0.185	4.70	POLYBAGS
94645-XYYLF	0.425	10.80	0.095	2.41	0.230	5.84	0.185	4.70	POLYBAGS
94659-XYYLF	0.450	11.43	0.120	3.05	0.230	5.84	0.185	4.70	POLYBAGS
94660-XYYLF	0.525	13.34	0.107	2.72	0.318	8.08	0.200	5.08	POLYBAGS
94661-XYYLF	0.568	14.43	0.150	3.81	0.318	8.08	0.200	5.08	POLYBAGS
94684-XYYLF	0.480	12.19	0.150	3.81	0.230	5.84	0.185	4.70	POLYBAGS

mat'l. code				surface		tolerance	projection	product family
Itr	ecn	no	dr	ISO 1302		ISO 406	ISO 1101	BERGSTIK
D				angles	linear	.xx ±.01/.3	INCH/MM	
				σ±2°		.xxx ±.005/.13		
						.xxxx ±.0020/.051	scale 1:1	
				dr	E. KROPIEWNICKI	7/30/96		
				engr	T. BREWBAKER	7/30/96		
				chr	T. BREWBAKER	7/30/96		
				appd	T. BREWBAKER	7/30/96		
				sheet	revision			
				index	sheet			



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