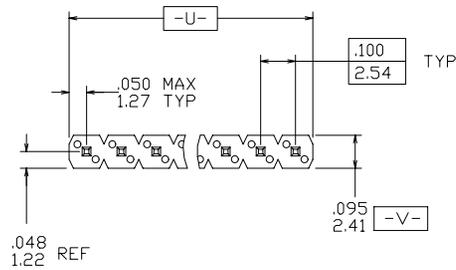


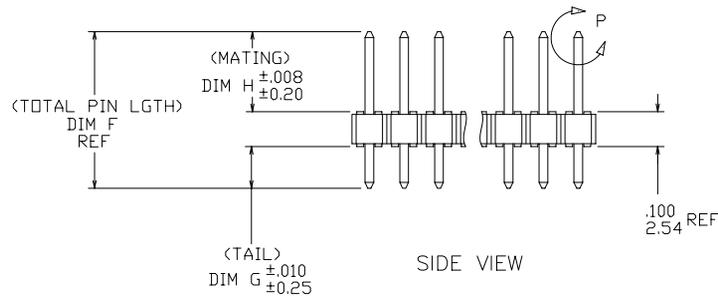
Product Number

XXXXX-YYTTF

- 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.



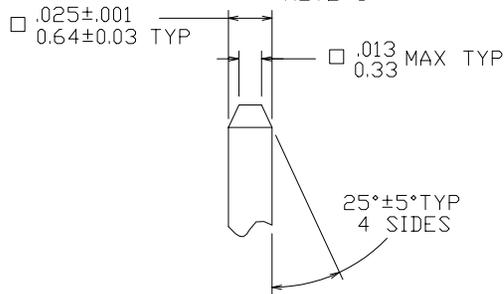
TOP VIEW



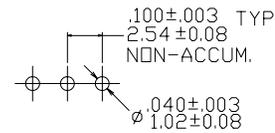
SIDE VIEW

END VIEW

$\text{⊕} \text{ } \text{⊙} \text{ } \text{Ⓜ} \text{ } \text{Ⓢ}$
NOTE 5



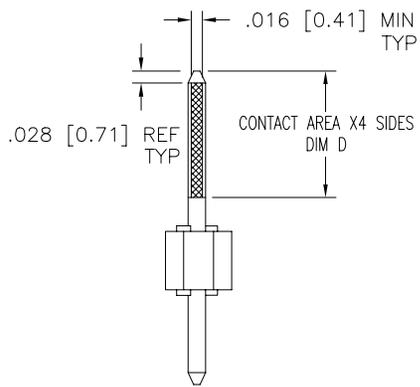
DETAIL P
TYP BOTH ENDS



RECOMMENDED HOLE PATTERN

mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302 ✓		ISO 406 ISO 1101				BERGSTIK	
ltr		date		tolerances unless otherwise specified		INCH/MM		title	
A	v41425 MSC	9/22/94	angles	.xx ±.01/.3		INCH/MM		BERGSTIK® II HEADER DUPLEX	
B	v31052 EPK	7/30/96	linear	.xxx ±.005/.13		scale 2:1		.100/2.54cc SR STRAIGHT	
C	M05-0118 ERE	6/02/05	σ±2'	.xxxx ±.0020/.051				dwg no	
D	M06-0270 AEA	7/14/06	dr	T. BREWBAKER	7/20/94			sheet 1 of 3 size	
			engr	T. HANNA	7/20/94			94645 A3	
			chr	J. MURPHY	7/20/94			type Product Customer Drawing	
			appd	T. HANNA	7/20/94				
sheet index	revision sheet	D 1	D 2	D 3					

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



END VIEW

NOTES

- ① BODY MATERIAL: GLASS FIBER REINFORCED PCT FLAME RETARDENT 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 FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.



Copyright FCI

mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302 ✓		ISO 406		⊕		BERGSTIK	
ltr		ecn		no		dr		date	
D									
		angles		linear		INCH/MM		title	
		.xx ±.01/.3		.xxx ±.005/.13		scale 2:1		BERGSTIK® II HEADER DUPLEX	
		0°±2'		.xxx ±.0020/.051				.100/2.54cc SR STRAIGHT	
		dr		E. KROPIEWICKI		7/30/96		dwg no	
		enr		T. BREWBAKER		7/30/96		sheet 2 of 3 size	
		chr		T. BREWBAKER		7/30/96		94645 A3	
		app		T. BREWBAKER		7/30/96		type Product Customer Drawing	
sheet		revision							
index		sheet							

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



Copyright FCJ

mat'l. code		surface		tolerance		projection		product family			
-		ISO 1302		ISO 406		1st angle		BERGSTIK			
ltr		ecn no		date		tolerances unless otherwise specified		title			
D						.xx ±.01/.3		BERGSTIK® II HEADER DUPLEX			
						.xxx ±.005/.13		.100/2.54cc SR STRAIGHT			
						.xxxx ±.0020/.051		scale 1:1			
				dr E. KROPIEWICKI 7/30/96				dwg no			
				enr T. BREWBAKER 7/30/96				94645		sheet 3 of 3 size	
				chr T. BREWBAKER 7/30/96				A3			
				app T. BREWBAKER 7/30/96				type		Product Customer Drawing	
sheet index		revision sheet									

form: A3 1 2 3 4 5 6