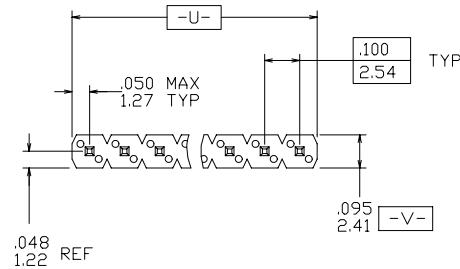


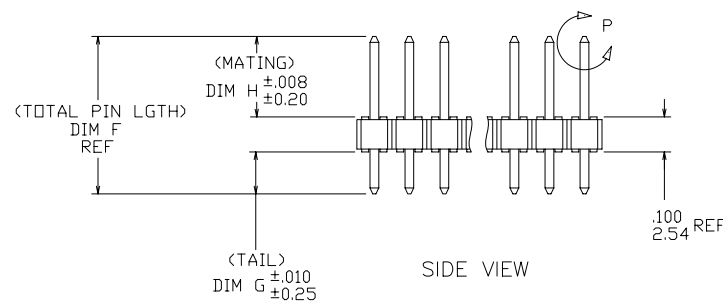
Product Number

XXXXX-YYTTF

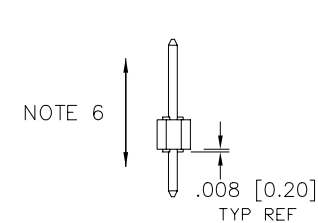
- LEAD FREE OPTION  
SEE NOTE 9 & 10
- TUBE PACKAGING OPTION  
SEE NOTE 8
- NO. OF POSITIONS  
SEE NOTE 4
- PLATING NUMBER  
SEE SHEET 2
- BASE PART NO.



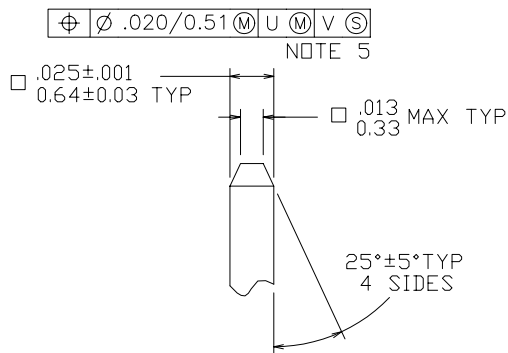
TOP VIEW



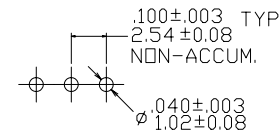
SIDE VIEW



END VIEW



DETAIL P  
TYP BOTH ENDS

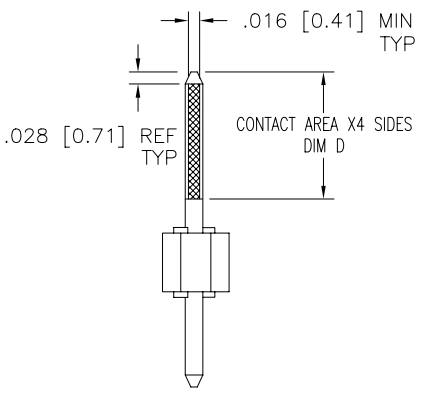


RECOMMENDED HOLE PATTERN

mat'l. code				surface		tolerance		projection		product family			
-				ISO 1302 ✓		ISO 406 ISO 1101				BERGSTIK			
ltr	ecn	no	dr	date	tolerances unless otherwise specified				INCH/MM ↔	title			
A	V41425	MSC		9/22/94	angles	linear	.XX ±.01/.3			BERGSTIK® II HEADER DUPLEX			
B	V31052	EPK		7/30/96			.XXX ±.005/.13		.100/2.54cc SR STRAIGHT				
C	M05-0118	ERE		6/02/05			.XXXX ±.0020/.051		scale 2:1				
D	M06-0270	AEA		7/14/06	dr	T. BREWBAKER	7/20/94			dwg no		sheet 1 of 3	size
					engr	T. HANNA	7/20/94			94645		A3	
					chr	J. MURPHY	7/20/94						
					appd	T. HANNA	7/20/94						
sheet	revision	D	D	D						type Product Customer Drawing			
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									

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 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	
D									
		angles		linear		.XX ±.01/.3		INCH/MM	
						.XXX ±.005/.13			
		0°±2°				.XXXX ±.0020/.051		scale 2:1	
		dr		E. KROPIEWICKI		7/30/96		FCI	
		enr		T. BREWBAKER		7/30/96		sheet 2 of 3	
		chr		T. BREWBAKER		7/30/96		size A3	
		app		T. BREWBAKER		7/30/96		type Product Customer Drawing	
sheet index		revision sheet							

FCI  
FCIconnect.com  
Copyright FCI



FCIconnect.com

Copyright FCI

form: A3

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-YYY	0.425	10.80	0.095	2.41	0.230	5.84	0.185	4.70	POLYBAGS
94659-YYY	0.450	11.43	0.120	3.05	0.230	5.84	0.185	4.70	POLYBAGS
94660-YYY	0.525	13.34	0.107	2.72	0.318	8.08	0.200	5.08	POLYBAGS
94661-YYY	0.568	14.43	0.150	3.81	0.318	8.08	0.200	5.08	POLYBAGS
94684-YYY	0.480	12.19	0.150	3.81	0.230	5.84	0.185	4.70	POLYBAGS
94645-YYLF	0.425	10.80	0.095	2.41	0.230	5.84	0.185	4.70	POLYBAGS
94659-YYLF	0.450	11.43	0.120	3.05	0.230	5.84	0.185	4.70	POLYBAGS
94660-YYLF	0.525	13.34	0.107	2.72	0.318	8.08	0.200	5.08	POLYBAGS
94661-YYLF	0.568	14.43	0.150	3.81	0.318	8.08	0.200	5.08	POLYBAGS
94684-YYLF	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
-				ISO 1302 ✓	ISO 406 ISO 1101		BERGSTIK
ltr	ecn	no	dr	date	tolerances unless otherwise specified	 INCH/MM scale 1:1	title
D					angles linear .XX ±.01/.3		BERGSTIK® II HEADER DUPLEX
					.XXX ±.005/.13		.100/2.54cc SR STRAIGHT
					0°±2° .XXXX ±.0020/.051		
				dr	E. KROPIEWNICKI 7/30/96		dwg no
				enr	T. BREWBAKER 7/30/96		94645
				chr	T. BREWBAKER 7/30/96		sheet 3 of 3 size A3
				app	T. BREWBAKER 7/30/96		type Product Customer Drawing
sheet index	revision sheet						

# Mouser Electronics

Authorized Distributor

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

[FCI / Amphenol:](#)

[94659-202](#)