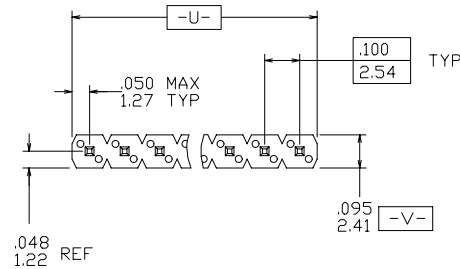


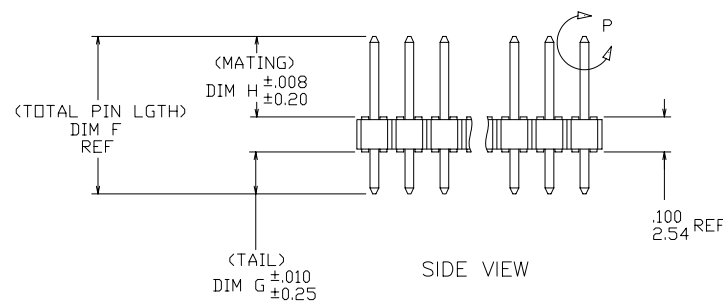
Product Number

XXXXX-YYTTF

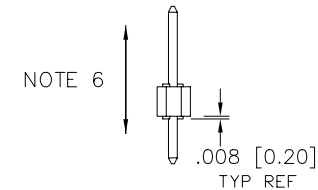
- LEAD FREE OPTION
SEE NOTE 9 & 10
- TUBE PACKAGING OPTION
SEE NOTE 8
- NO. OF POSITIONS
SEE NOTE 4
- PLATING NUMBER
SEE SHEET 2
- BASE PART NO.



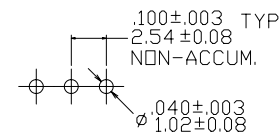
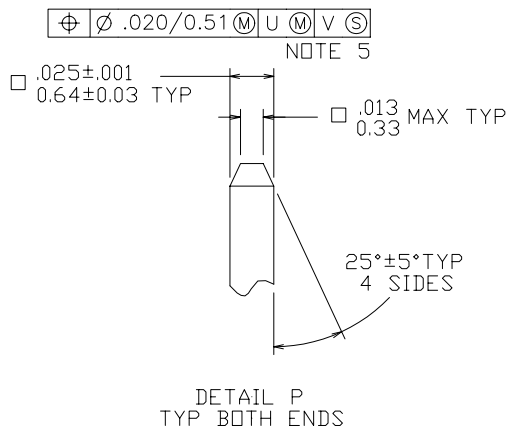
TOP VIEW



SIDE VIEW



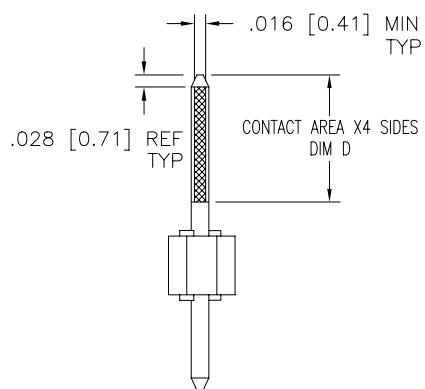
END VIEW



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				 scale 2:1	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						
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									
index	sheet	1	2	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 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	INCH/MM	title
D					angles linear .XX ±.01/.3 .XXX ±.005/.13 0°±2' .XXXX ±.0020/.051	scale 2:1	BERGSTIK® II HEADER DUPLEX .100/2.54cc SR STRAIGHT
				dr	E. KROPIEWICKI 7/30/96	FCI	dwg no
				enr	T. BREWBAKER 7/30/96		sheet 2 of 3
				chr	T. BREWBAKER 7/30/96		size
				app	T. BREWBAKER 7/30/96		A3
sheet	revision						type
index	sheet						Product Customer Drawing



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-YYLFF	0.425	10.80	0.095	2.41	0.230	5.84	0.185	4.70	POLYBAGS
94659-YYLFF	0.450	11.43	0.120	3.05	0.230	5.84	0.185	4.70	POLYBAGS
94660-YYLFF	0.525	13.34	0.107	2.72	0.318	8.08	0.200	5.08	POLYBAGS
94661-YYLFF	0.568	14.43	0.150	3.81	0.318	8.08	0.200	5.08	POLYBAGS
94684-YYLFF	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° .XXX ±.0020/.051		dwg no sheet 3 of 3 size
					dr E. KROPIEWNICKI 7/30/96		94645 A3
					engr T. BREWBAKER 7/30/96		
					chr T. BREWBAKER 7/30/96		
					appd T. BREWBAKER 7/30/96		
sheet index	revision sheet						type Product Customer Drawing