

Product Number

XXXXX-YYT LF

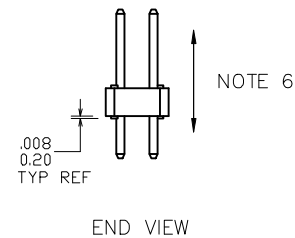
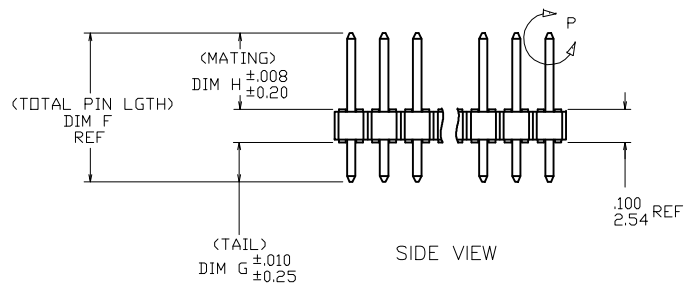
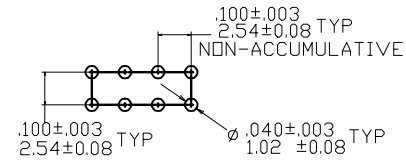
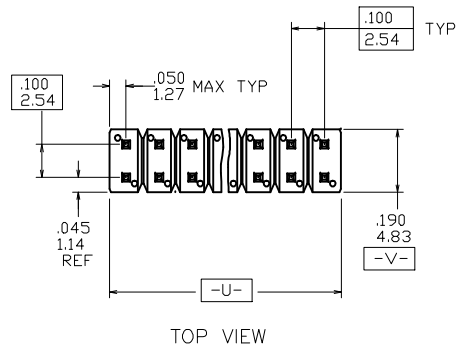
LEAD FREE OPTION
SEE NOTE 9 & 10

TUBE PACKAGING OPTION
SEE NOTE 8

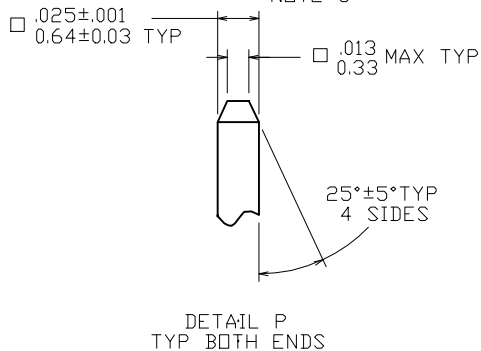
NO. OF POSITIONS
SEE NOTE 4

PLATING NUMBER
SEE SHEET 2

BASE PART NO.



⌀ .020/0.51 (M) U (M) V (S)
NOTE 5



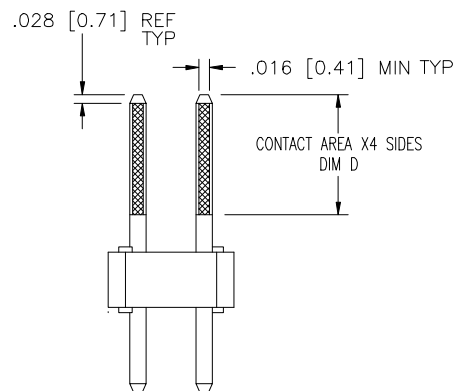
mat'l. code				surface	tolerance	projection	product family
-				ISO 1302	ISO 1101	ISO 1302	BERGSTIK
ltr	ecp no	dr	date	tolerances unless otherwise specified		INCH/MM	title
E	v20273	GIP	02/14/02	angles	linear		
F	v20888	LP	2/14/02				
G	v03-0962	LP	8/29/03	0°±2'		scale 2:1	
H	M05-0118	ERE	6/02/05	dr	T. BREWBAKER	5/26/94	BERGSTIK® II HEADER DUPLEX .100/2.54cc DR STRAIGHT
J	M06-0270	AEA	7/14/06	engr	T. HANNA	5/26/94	
K	M06-0346	MHT	9/04/06	chr	J. MURPHY	5/26/94	dwg no 94644 sheet 1 of 3 size A3
L	M08-0291	MHT	10/08/08	appd	T. HANNA	5/26/94	
sheet	revision	L	L	L			type Product Customer Drawing
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

NOTES

- ① .BODY MATERIAL: GLASS FIBER REINFORCED PCT FLAME RETARDANT
PER UL-94V-O. COLOR: BLACK.
OR
MINERAL FILLED LCP FLAME RETARDANT
PER UL-94V-O. COLOR: BLACK.
- ② PIN MATERIAL: PHOS-BRONZE.
- ③ .FINISH:
CONTACT AREA: SEE TABLE
SOLDER TAIL: 100u"/2.54u TIN 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 2 (2X1) THRU 72 (2X36).
- 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.



END VIEW

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		
L				angles	linear	INCH/MM	BERGSTIK® II HEADER DUPLEX		
				0°±2'		scale 2:1	.100/2.54cc DR STRAIGHT		
				dr	T. BREWBAKER	5/26/94	dwg no		
				engr	T. HANNA	5/26/94	sheet 2 of 3 size		
				chr	J. MURPHY	5/26/94	94644 A3		
				appd	T. HANNA	5/26/94	type Product Customer Drawing		
sheet	revision								
index	sheet								

PRODUCT NO.	1		2		3		4		5		6	
	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			
55853-YYY	0.595	15.11	0.185	4.70	0.310	7.87	0.262	6.65	POLYBAGS			
73587-YYY	0.830	21.08	0.365	9.27	0.365	9.27	0.200	5.08	POLYBAGS			
94644-YYY	0.425	10.80	0.095	2.41	0.230	5.84	0.185	4.70	POLYBAGS			
94656-YYY	0.450	11.43	0.120	3.05	0.230	5.84	0.185	4.70	POLYBAGS			
94657-YYY	0.525	13.34	0.107	2.72	0.318	8.08	0.200	5.08	POLYBAGS			
94658-YYY	0.568	14.43	0.150	3.81	0.318	8.08	0.200	5.08	POLYBAGS			
94683-YYY	0.480	12.19	0.150	3.81	0.230	5.84	0.185	4.70	POLYBAGS			
58480-YYY				NOT	AVAILABLE							
55853-YYLFF	0.595	15.11	0.185	4.70	0.310	7.87	0.262	6.65	POLYBAGS			
73587-YYLFF	0.830	21.08	0.365	9.27	0.365	9.27	0.200	5.08	POLYBAGS			
94644-YYLFF	0.425	10.80	0.095	2.41	0.230	5.84	0.185	4.70	POLYBAGS			
94656-YYLFF	0.450	11.43	0.120	3.05	0.230	5.84	0.185	4.70	POLYBAGS			
94657-YYLFF	0.525	13.34	0.107	2.72	0.318	8.08	0.200	5.08	POLYBAGS			
94658-YYLFF	0.568	14.43	0.150	3.81	0.318	8.08	0.200	5.08	POLYBAGS			
94683-YYLFF	0.480	12.19	0.150	3.81	0.230	5.84	0.185	4.70	POLYBAGS			
58480-YYY				NOT	AVAILABLE							

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection		product family BERGSTIK					
ltr	ecr no	dr	date	tolerances unless otherwise specified				 INCH/MM scale 2:1		title BERGSTIK® II HEADER DUPLEX .100/2.54cc DR STRAIGHT sheet 3 of 3 size A3					
L				angles		linear								$\frac{.001 \pm .01}{.001 \pm .01}$ $\frac{.001 \pm .005}{.001 \pm .01}$ $\frac{.001 \pm .002}{.001 \pm .005}$	
				0° ± 2'											
				dr		T. BREWBAKER		5/26/94							
				engr		T. HANNA		5/26/94							
				chr		J. MURPHY		5/26/94							
				appd		T. HANNA		5/26/94							
sheet index		revision sheet													