

Product Number

XXXXX-YYT LF

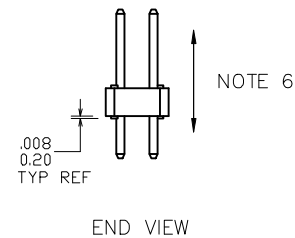
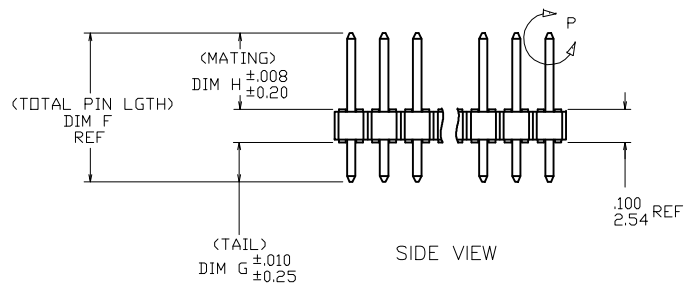
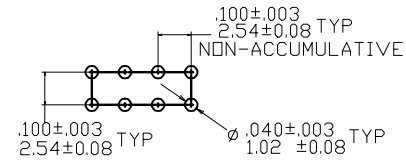
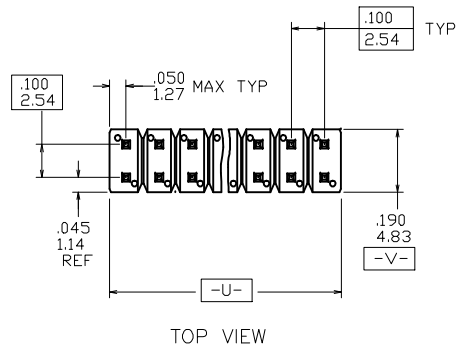
LEAD FREE OPTION
SEE NOTE 9 & 10

TUBE PACKAGING OPTION
SEE NOTE 8

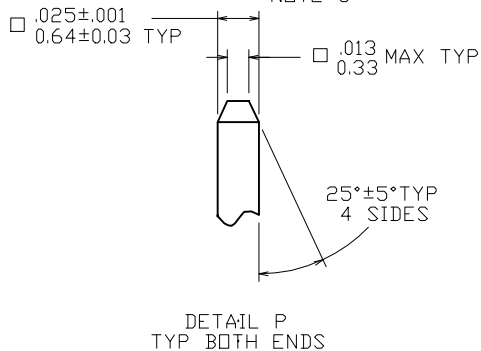
NO. OF POSITIONS
SEE NOTE 4

PLATING NUMBER
SEE SHEET 2

BASE PART NO.



⌀ .020/0.51 (M) U (M) V (S)
NOTE 5



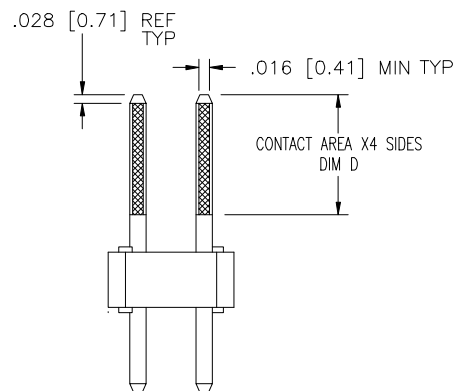
mat'l. code				surface	tolerance	projection	product family
-				ISO 1302	ISO 1101	ISO 1302	BERGSTIK
ltr	ecp no	dr	date	tolerances unless otherwise specified		INCH/MM	title
E	v20273	GIP	02/14/02	angles	linear		
F	v20888	LP	2/14/02				
G	v03-0962	LP	8/29/03	0°±2'		scale 2:1	
H	m05-0118	ERE	6/02/05	dr	T. 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 ISO 1902		tolerance ISO 406 ISO 1101		projection		product family BERGSTIK	
ltr	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM		title	
L				angles	linear	X.X±.01/X±0.3		BERGSTIK® II HEADER DUPLEX	
						XXX±.006/XX±0.13		.100/2.54cc DR STRAIGHT	
				0°±2'		.XXX±.0020/XXX±0.051		scale 2:1	
		dr	T. BREWBAKER	5/26/94			dwg no		sheet 2 of 3
		engr	T. HANNA	5/26/94			94644		A3
		chr	J. MURPHY	5/26/94					
		appd	T. HANNA	5/26/94			type		Product Customer Drawing
sheet index	revision 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	ecp no	dr	date	tolerances unless otherwise specified				INCH/MM		title			
L				linear				scale 2:1		BERGSTIK® II HEADER DUPLEX .100/2.54cc DR STRAIGHT			
				angles						sheet 3 of 3 size			
				0°±2'						A3			
				dr T. BREWBAKER 5/26/94				FCJ		dwg no 94644			
				engr T. HANNA 5/26/94						type Product Customer Drawing			
				chr J. MURPHY 5/26/94									
				appd T. HANNA 5/26/94									
sheet index	revision sheet												