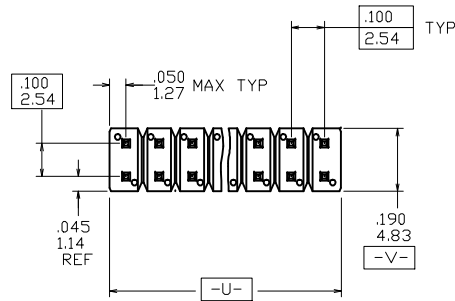


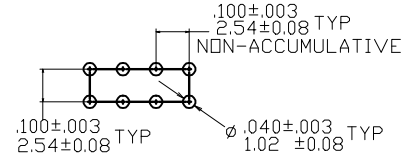
Product Number

XXXXX-YYT LF

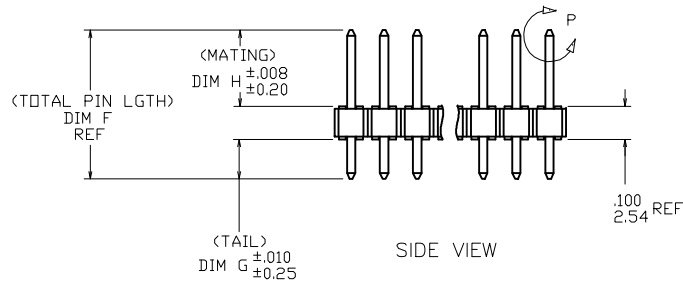
- LEAD FREE OPTION  
SEE NOTE 9 & 10
- TUBE PACKAGING OPTION  
SEE NOTE 8
- NO. OF POSITIONS  
SEE NOTE 4
- PLATING NUMBER  
SEE SHEET 2
- BASE PART NO.



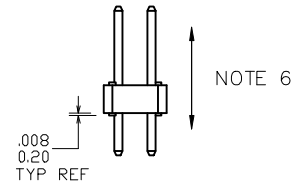
TOP VIEW



RECOMMENDED HOLE PATTERN



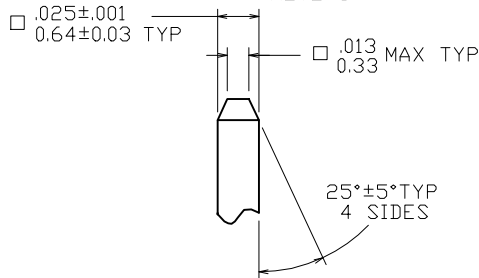
SIDE VIEW



END VIEW

NOTE 6

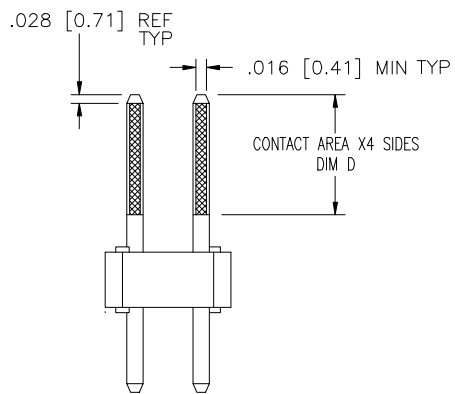
⊕ ∅ .020/0.51 (M) U (M) V (S)  
NOTE 5



DETAIL P  
TYP BOTH ENDS

mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302		ISO 406 ISO 1301				BERGSTIK	
tolerances unless otherwise specified						title			
ltr	ecn no	dr	date	angles	linear	INCH/MM		BERGSTIK® II HEADER DUPLEX	
E	v20273	GIP	02/14/02		.XX±.01/XX±.03			.100/2.54cc DR STRAIGHT	
F	v20888	LP	2/14/02		.XXX±.006/XXX±.013			dwg no	
G	v03-0962	LP	8/29/03	σ±2°	.XXXX±.0020/XXXX±.0051	scale 2:1		sheet 1 of 3 size	
H	M05-0118	ERE	6/02/05	dr	T. BREWBAKER	5/26/94		A3	
J	M06-0270	AEA	7/14/06	engr	T. HANNA	5/26/94		94644	
K	M06-0346	MHT	9/04/06	chr	J. MURPHY	5/26/94		type	
L	M08-0291	MHT	10/08/08	appd	T. HANNA	5/26/94		Product Customer Drawing	
sheet	revision		L	L	L				
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 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 FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.



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mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302		ISO 406		ISO 1101		BERGSTIK	
Ltr		ecn no		dr		date		title	
L								BERGSTIK® II HEADER DUPLEX	
								.100/2.54cc DR STRAIGHT	
								scale 2:1	
								dwg no	
								94644	
								sheet 2 of 3	
								size	
								A3	
								type	
								Product Customer Drawing	
sheet		revision							
index		sheet							

form: A3

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	
	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	
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					



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mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302		ISO 406		1st angle		BERGSTIK	
ltr		ecn no		dr		date		title	
L								BERGSTIK® II HEADER DUPLEX	
								.100/2.54cc DR STRAIGHT	
								scale 2:1	
								dwg no 94644	
								sheet 3 of 3 size A3	
								type Product Customer Drawing	
sheet index		revision sheet							

form A3