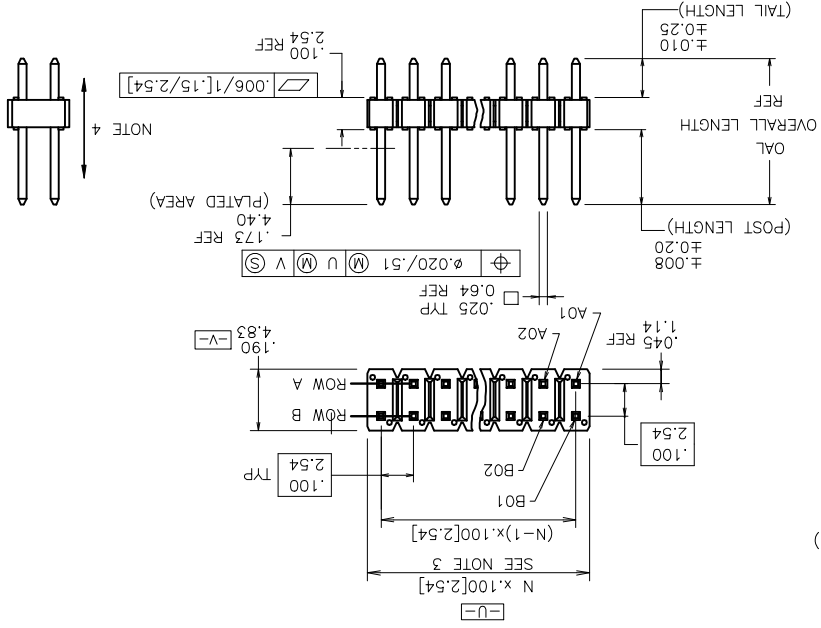


PIN STYLE	POST	TAIL	OAL
05	0.230/5.84	0.095/2.41	0.425/10.80
06	0.230/5.84	0.110/2.79	0.440/11.18
08	0.230/5.84	0.120/3.05	0.450/11.43
10	0.230/5.84	0.150/3.81	0.480/12.19
12	0.250/5.84	0.300/7.62	0.630/16.00
30	0.318/8.08	0.120/3.05	0.538/13.67
32	0.318/8.08	0.150/3.81	0.568/14.43
34	0.318/8.08	0.212/5.38	0.630/16.00

PLATING:
 S=15µ"/0.38µm GOLD ON CONTACT AREA
 100µ"/2.54µm TIN ON TAIL (NOTE 16)
 G=50µ"/0.76µm GOLD ON CONTACT AREA
 100µ"/2.54µm TIN ON TAIL (NOTE 16)
 T=100-160µ"/2.54-4.06µm TIN ON CONTACT AREA
 AND ON TAIL (SEE NOTE 11 & 15).

RETENTION
 R= RETENTIVE LEG, SEE NOTES 5 & 7
 POLARIZATION SEE NOTES 7 & 8
 BERGSTRIK
 POSITIONS PER ROW, 01 to 36
 SEE NOTE 10
 BERGSTRIK
 POSITIONS PER REEL, 00=45,000 (BERGSTRIK)
 PIN STYLES 6,8,10,30 & 32 ONLY.



mat'l code	SEE NOTES 1 & 2	surface	ISO 1002	tolerance	ISO 1007	product family	BERGSTIK
lfr	ecn no	dr	date	references unless otherwise specified			title
L	M06-0268	MHT	7/17/06	linear	XXXX.006/XXXX.013	projection	
M	M06-0346	MHT	9/04/06	angles	XXXX.002/XXXX.016	product family	
N	M07-0247	ACS	5/28/07	linear	XXXX.002/XXXX.016	product family	
P	M07-0337	MHT	7/23/07	linear	XXXX.002/XXXX.016	product family	
R	M08-0237	MHT	8/25/08	engr	H.SUNDRY	product family	
S	M08-0279	MHT	9/30/08	lfr	H.SUNDRY	product family	
T	M09-0090	MHT	6/19/09	appd	H.SUNDRY	product family	
Sheet	revision	T	1	T	07/21/99	Product Customer Drawing	
Sheet	revision	T	2	T	07/21/99	Product Customer Drawing	

54102
 sheet 1 of 2 size A3
 D/R THRU HOLE
 1.00 UNSHROUDED HDR.
 BERGSTIK

mat'l code		surface	ISO 1302	ISO 1406	ISO 1101	tolerance	projection	product family	BERGSTIK	title	.100 UNSHROUDED HDR. D/R THRU HOLE	dwg no	54102	sheet 2 of 2 size	A3	revision	sheet	index							
ltf	ecn no	dr	date	linear	angles	linear	scale	1:1	INCH/MM	xxxx+.01/0.3	xxxx+.005/0.13	xxxx+.0020/0.051	0±.2	dr	D.INGRAM	05/16/99	engr	H.SUNDRY	07/21/99	dmr	H.SUNDRY	07/21/99	appd	H.SUNDRY	07/21/99



Notes:

- BERGSTIK /BERGSTRIIP HOUSING MAT'L: HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK OR PER UL-94V-0. COLOR: BLACK.
- PIN MATERIAL: PHOSPHOR-BRONZE
- TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS PER ROW. EXAMPLE: 10 POS., N x .100[2.54]=1.00[25.40].
- 2LBS/0.9KG MIN. PIN RETENTION IN EITHER DIRECTION
- RETENTIVE LEG APPLICABLE TO TAIL LENGTH OF .120/.305 ONLY. RETENTION IS APPLIED TO TWO PINS PER PART. ADJACENT TO ONE ANOTHER. 5lb/2.3kg MAX. INSERTION FORCE AND .25lb/1kg MIN RETENTION FORCE PER RETENTIVE PIN USING .062/1.57 THICK CIRCUIT BOARD AND RECOMMENDED HOLE PATTERN. RETENTIVE LOCATION AT THE DISCRETION OF THE MANUF. OMIT FROM PRODUCT NUMBER IF FEATURE IS NOT APPLICABLE.
- BERGSTIK PACKAGED IN POLY BAGS. BERGSTRIIP PACKAGED PER REEL.
- POLARIZATION AND RETENTION NOT APPLICABLE TO BERGSTRIIP.
- FOR POLARIZATION SPECIFY POSITION NUMBER (i.e. A03=ROW A POS. 3) TO OMIT PIN. OMIT FROM PRODUCT NUMBER IF FEATURE IS NOT APPLICABLE.
- UNDERPLATING: 50µ"/1.27µm NI.
- POSITIONS PER ROW 37 TO 50 CAN BE PRODUCED, BUT FLATNESS AND CURVATURE MAY NOT BE HELD TO PRINT SPECIFICATION.
- PIN TIPS ON TIN PLATED PRODUCT MAY HAVE BARE METAL ON TWO SIDES, BOTH ENDS.
- PART NUMBERS WITH "LF" AT THE END ARE LEAD FREE.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE FLOW OVEN. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE OR FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD.
- "THIS PRODUCT HAS 100% PURE TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."
- PLATING OPTIONS:
MAY BE EITHER GOLD OR EXT PLATED AT MANUFACTURER'S OPTION.

Cross Reference

CORE RANGE	54102-G05XXLF	77313-101-XXLF	54102-S05XXLF	77313-801-XXLF	54102-G08XXLF	77313-118-XXLF	54102-S08XXLF
EXTENDED RANGE	54102-G05XXLF	77313-101-XXLF	54102-S05XXLF	77313-801-XXLF	54102-G08XXLF	77313-118-XXLF	54102-S08XXLF

1	2	3	4	5	6
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