

NOTES:
 ① HOUSING MAT'L: HIGH TEMPERATURE THERMOPLASTIC. UL94V-0, COLOR: BLACK
 OR
 MINERAL FILLED LCP FLAME RETARDENT
 PER UL-94V-0, COLOR: BLACK.

② PIN MATERIAL: PHOSPHOR-BRONZE

③ TO DETERMINE DIMENSIONS:

N = NUMBER OF POSITIONS PER ROW.

EXAMPLE: 10 POS., N x 100[2.54]=1.00[25.40].

④ 2LBS/0.9KG MIN. PIN RETENTION IN EITHER DIRECTION.

⑤ RETENTIVE LEG APPLICABLE TO TAIL LENGTH 1.20/3.05 ONLY. (4 PINS PER PART HAVE RETENTION)

⑥ 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 MANUFACTURER. IF FEATURE IS NOT APPLICABLE, REMOVE FROM PRODUCT

⑦ BERGSTIK PACKAGED IN POLY BAGS. BERGSTIK PACKAGED PER REEL.
 NUMBER, 1x2 OR 1x3 PARTS NOT REFERENCED.

⑧ POLARIZATION AND RETENTION NOT APPLICABLE TO BERGSTIK.

⑨ UNDERPLATING: 50µ"/1.27µm NI.

⑩ FOR POLARIZATION SPECIFY POSITION NUMBER (i.e., A03=ROW A POS. 3)

⑪ TO OMIT PIN.

⑫ IF FEATURE IS NOT APPLICABLE, REMOVE FROM PRODUCT

⑬ POSITIONS PER ROW 37 TO 50 CAN BE PRODUCED, BUT FLATNESS AND CURVATURE MAY NOT BE HELD
 AS CLOSE AS 36 POSITION.

⑭ PIN TIPS ON TIN PLATED PRODUCT MAY HAVE BARE METAL ON TWO SIDES, BOTH ENDS.

⑮ PART NUMBERS WITH "LF" AT THE END ARE LEAD FREE.

⑯ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER

COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

⑰ THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE

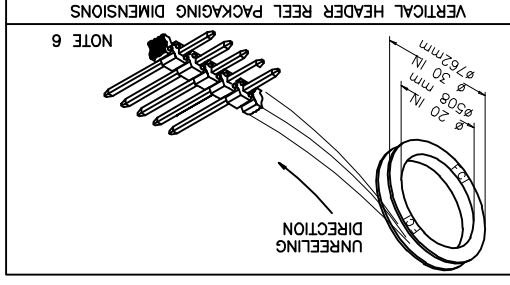
FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW
 OPEN. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE OR
 FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm

⑱ MINIMUM THICK CIRCUIT BOARD.

⑲ "THIS PRODUCT HAS 100% PURE TIN PLATING IN THE INTERFACE AND
 HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT
 ENVIRONMENTS."

⑳ PLATING OPTIONS:

⑲ MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.



Cross Reference

CORE RANGE	EXTENDED RANGE
77311-101-XXLF	54101-G05XXLF
77311-801-XXLF	54101-S05XXLF
77311-118-XXLF	54101-G08XXLF
77311-818-XXLF	54101-S08XXLF

mat'l code	SEE NOTES 1 & 2	surface	ISO 1302	tolerance	ISO 1507	projection	BERGSTIK	product family	BERGSTIK
ltf	ecn no	dr	date	tolerances unless otherwise specified			XXXX/XX.X3	title	
angles	linear	linear	linear	XXXX.006/XXXX.13	XXXX.006/XXXX.051	scale	1:1	INCH/MM	
0+2.									
dr	D.INGRAM	05/10/99						dwg no	54101
engr	H.SUNDY	07/15/99						sheet 2 of 2 size	A3
ctr	H.SUNDY	07/15/99						Product Customer Drawing	
appd	H.SUNDY	07/15/99						revision	
sheet	revision	sheet						index	

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