

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
 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)
 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

⑥ BERGSTIK PACKAGED IN POLY BAGS. BERGSTRIIP PACKAGED PER REEL.
 NUMBER, 1x2 OR 1x3 PARTS NOT REFERENCED.

⑦ POLARIZATION AND RETENTION NOT APPLICABLE TO BERGSTRIIP.

⑧ UNDERPLATING: 50µ"/1.27µm Ni.

⑨ FOR POLARIZATION SPECIFY POSITION NUMBER (i.e., A03=ROW A POS. 3)

TO OMIT PIN.

IF FEATURE IS NOT APPLICABLE, REMOVE FROM PRODUCT

⑩ POSITIONS PER ROW 37 TO 50 CAN BE PRODUCED, BUT FLATNESS AND CURVATURE MAY NOT BE HELD
 AS CLOSE AS 36 POSITION.

⑪ PIN TIPS ON TIN PLATED PRODUCT MAY HAVE BARE METAL ON TWO SIDES, BOTH ENDS.

⑫ PART NUMBERS WITH "LF" AT THE END ARE LEAD FREE.

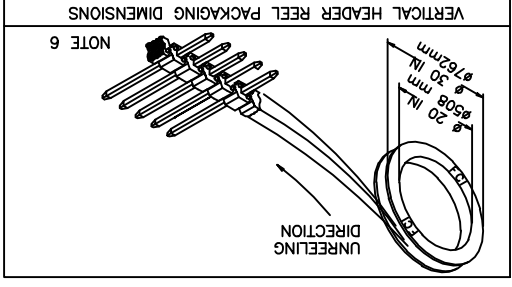
⑬ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER

COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

⑭ THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
 FOR 20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE FLOW
 OVER. 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.

⑮ "THIS PRODUCT HAS 100% PURE TIN PLATING IN THE INTERFACE AND
 ENVIRONMENTS."

⑯ PLATING OPTIONS:
 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	date	
ltf	ecn no	dr	
U			
angles	linear	0 ±.2°	
JESD1/XX03	JESD1/XX03		
ISO 603	ISO 603		
ISO 607	ISO 607		
tolerance	tolerance unless otherwise specified		
projection			
product family	BERGSTIK		
title			
INCH/MM	scale 1:1		
JESD1/XX03	JESD1/XX03		
XXX4.000/XXX4.03	XXX4.000/XXX4.03		
05/10/99	D.JINGRAM		
07/15/99	H.SUNDY		
07/15/99	H.SUNDY		
07/15/99	H.SUNDY		
07/15/99	H.SUNDY		
sheet	revision	sheet	index

Product Customer Drawing
 sheet 2 of 2 size
 54101
 A3

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