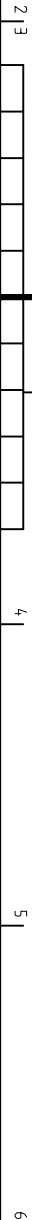




THE DATASHEET OF
54102-G0507B03LF





XXX X LF

LEAD FREE
NOTE 12 & 13

RETENTION
R = RETENTIVE LEG, SEE NOTES 5 & 7

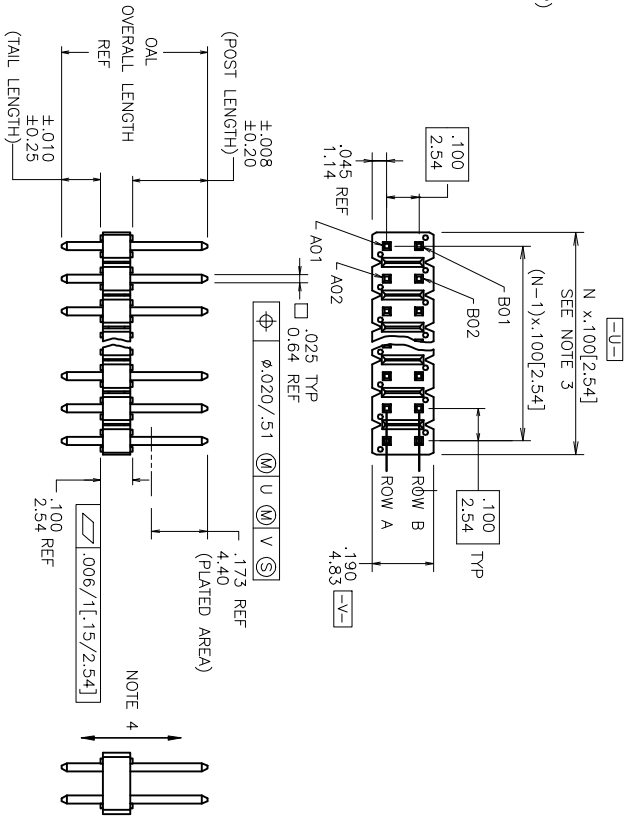
POLARIZATION SEE NOTES 7 & 8

BERGSTIK PER ROW, 01 to 36
SEE NOTE 10

BERGSTIK PER ROW, 01 to 36
POSITIONS PER REEL, 00=45,000 (BERGSTRIIP)
PIN STYLES 6,8,10,30 & 32 ONLY.

N 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	0.230/5.84	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:
=150u"/0.38um GOLD ON CONTACT AREA
=100u"/2.54um TIN ON TAIL (NOTE 16)
=50u"/1.27um GOLD ON CONTACT AREA
=100u"/2.54um TIN ON TAIL (NOTE 16)
=100-160u"/2.54-4.06um TIN ON CONTACT AREA
AND ON TAIL (SEE NOTE 11 & 15).



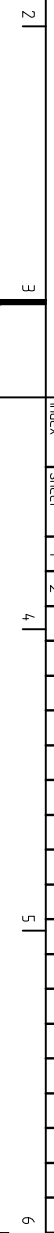
40±.003 TYP
22±0.08
100±.003 TYP
2.54±0.08 TYP
NON-ACCUMULATIVE

DED HOLE PATTERN

mat'l code		surface		tolerance		projection		product family	
SEE NOTES 1 & 2		ISO 1302		ISO 1101		ISO 1101		BERGSTIK	
lfr	ecp no	dr	date	angles	linear	linear	linear	linear	linear
L	M06-0268	MHT	7/17/06						
M	M06-0348	MHT	9/04/06						
N	M07-0247	ACS	5/28/07	0°±2°					
P	M07-0337	MHT	7/23/07	dr	D.INGRAM	05/16/99			
R	M08-0237	MHT	8/25/08	engp	H.SUNDBY	07/21/99			
S	M08-0278	MHT	9/30/08	chr	H.SUNDBY	07/21/98			
T	M09-0090	MHT	6/19/09	gppd	H.SUNDBY	07/21/99			
sheet	revision								
index	sheet	1	2						



product family: BERGSTIK
title: .100 UNSHROUDED HDR.
D/R THRU HOLE
dwg no: 54102
sheet 1 of 2 size A3
Product Customer Drawing





MAT'L: HIGH TEMPERATURE THERMOPLASTIC. UL94V-0 COLOR: BLACK
 TARDENT
 K.
 E

ROW. EXAMPLE: 10 POS., N x .100[2.54]=1.00[25.40].
 IN EITHER DIRECTION

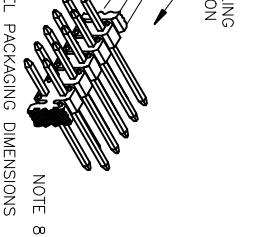
LENGTH OF .120/3.05 ONLY. RETENTION IS APPLIED TO TWO PINS
 OTHER. 5lb/2.3kg MAX. INSERTION FORCE AND .25lb/.1kg MIN
 PIN USING .062/1.57 THICK CIRCUIT BOARD AND RECOMMENDED
 POSITION AT THE DISCRETION OF THE MANUF. OMIT FROM PRODUCT
 CABLE.
 S. BERGSTRIIP PACKAGED PER REEL.
 T APPLICABLE TO BERGSTRIIP.
 ION NUMBER (i.e., A03=ROW A POS. 3) TO OMIT PIN. OMIT FROM
 NOT APPLICABLE.

CAN BE PRODUCED, BUT FLATNESS AND CURVATURE MAY NOT BE HELD
 T MAY HAVE BARE METAL ON TWO SIDES, BOTH ENDS.
 END ARE LEAD FREE.
 UNION DIRECTIVES AND OTHER
 IED IN GS-22-008.

POSURE TO 260°C PEAK TEMPERATURE
 ON, INFRARED OR VAPOR PHASE REFLOW
 PROCEDURES IF THEY ARE AVAILABLE OR
 DER APPLICATION WITH A 1.5mm

FIN PLATING IN THE INTERFACE AND
 KER GROWTH IN ALL INTERCONNECT

PLATED AT MANUFACTURER'S OPTION.



NOTE 8
 L PACKAGING DIMENSIONS

CORE RANGE	EXTENDED RANGE
77313-101-XXLF	54102-G05XXLF
77313-801-XXLF	54102-S05XXLF
77313-118-XXLF	54102-G08XXLF
77313-818-XXLF	54102-S08XXLF

Cross Reference

mat'l code		surface		tolerance		projection		product family	
ltn	ecrn no	ISO 1802	ISO 1406	ISO 1406	ISO 1801			BERGSTIK	
T		References unless otherwise specified		XXX4.005/0.13		INCH/MM		title	
		angles	lineaf	XXX4.005/0.13	XXX4.005/0.13	Scale: 1:1		.100 UNSHROUDED HDR.	
		0°±2°						D/R THRU HOLE	
		dr	D:INCRAM	05/16/99				dwg no	
		engr	H:SUNDY	07/21/99				54102	
		chr	H:SUNDY	07/21/99				Sheet 2 of 2 Size	
		appr	H:SUNDY	07/21/99				A3	
Sheet	revision							Type Product Customer Drawing	
Index	Sheet								

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 [View 54102-G0507B03LF on WIN SOURCE](#)

 [Amphenol FCI Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

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-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management