

PRODUCT NUMBER
5 4 1 0 2 - X X X - X X - X X X X

PLATING

S=15µm[0.38µm]GOLD
ON CONTACT AREA
150µm[3.81µm]TIN/LEAD
ON TAIL
G=30µm[0.76µm]GOLD
ON CONTACT AREA
150µm[3.81µm]TIN/LEAD
ON TAIL
T=150µm[3.81µm]TIN/LEAD
ON CONTACT AREA
AND ON TAIL

RETENTION
R= RETENTIVE LEG
NOTE 5 & 7

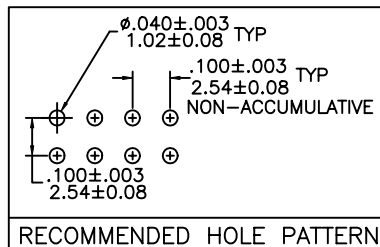
POLARIZATION
NOTE 7 & 8

POSITIONS PER ROW
01 TO 36 NOTE 10

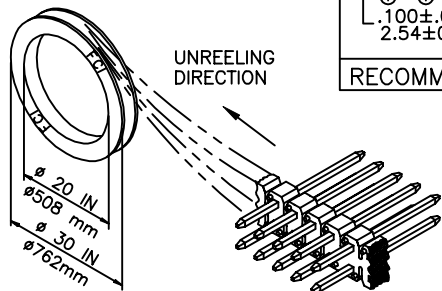
POSITIONS PER REEL
00=45,000 (BERGSTRIIP)
PIN STYLES 6, 8, 10, 30, 32 ONLY.

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	0.230/5.84	0.300/7.62	0.630/16.00
14	0.230/5.84	0.400/10.16	0.730/18.54
*16	0.230/5.84	0.500/12.70	0.830/21.08
*18	0.230/5.84	0.600/15.24	0.930/23.62
*20	0.230/5.84	0.700/17.78	1.030/26.16
*22	0.230/5.84	0.800/20.32	1.130/28.70
*24	0.230/5.84	0.900/22.86	1.230/31.24
*26	0.230/5.84	1.000/25.40	1.330/33.78
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
36	0.318/8.08	0.312/7.92	0.730/18.54
*38	0.318/8.08	0.712/18.08	1.130/28.70
*40	0.318/8.08	0.912/23.16	1.330/33.78
*42	0.520/13.21	0.110/2.79	0.730/18.54
*44	0.620/15.75	0.110/2.79	0.830/21.08
*46	0.720/18.28	0.110/2.79	0.930/23.62
*48	0.820/20.83	0.110/2.79	1.030/26.16
*50	1.020/25.91	0.110/2.79	1.230/31.24
*52	0.380/9.65	0.150/3.81	0.630/16.00

* CAN ONLY BE PRODUCED ON HAND TOOLS

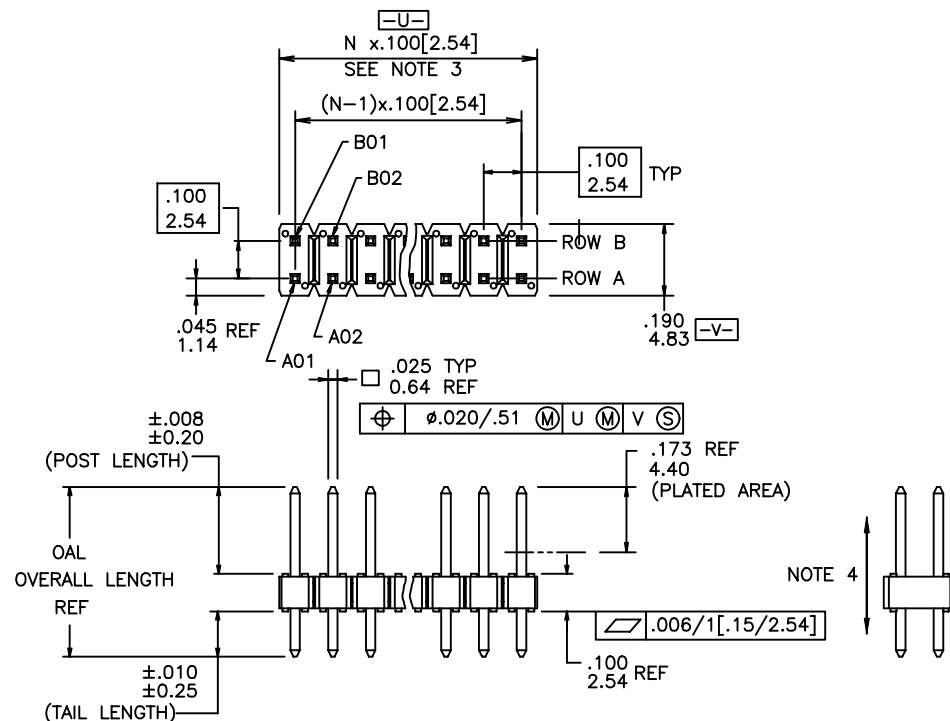


RECOMMENDED HOLE PATTERN



VERTICAL HEADER REEL PACKAGING DIMENSIONS

NOTE 8



NOTES:

- BERGSTIK /BERGSTRIIP HOUSING MAT'L: HIGH TEMPERATURE THERMOPLASTIC. UL94V-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 .120/3.05 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 MANUFACTURER. 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: 50µm/1.27µm Ni.
- POSITIONS PER ROW 37 TO 50 CAN BE PRODUCED, BUT FLATNESS AND CURVATURE MAY NOT BE HELD TO PRINT SPECIFICATION.

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ltr	ecn no	dr	date	linear	.XXX ±.005/.XX±.13	title	
A	V92811	DAI	08/24/99	angles	.xxx ±.0020/.xxx±.051	.100/2.54mm UNSHROUDED HEADER	
B	V01833	MDF	7/19/00		0° ±2'	DUAL ROW, VERTICAL, THRU HOLE	
C	V01968	MDF	8/7/00			product family BERGSTIK	
D	V02373	AZ	10/02/00	dr	D.INGRAM 05/16/99	code	
E	V12228	DAI	09/17/01	engr	H.SUNDY 07/21/99	size dwg no	
				chr	H.SUNDY 07/21/99	A 54102	
				appd	H.SUNDY 07/21/99	sheet 1 of 1	
sheet index	revision sheet	E	1				

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