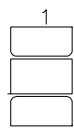




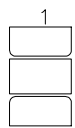
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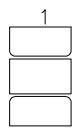
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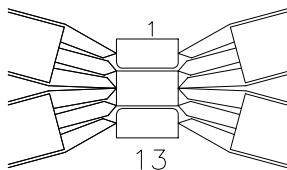
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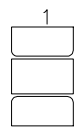
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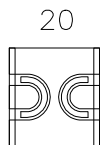
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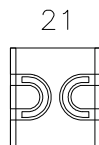
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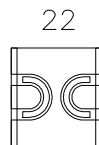
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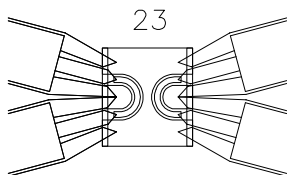
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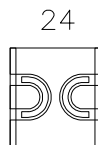
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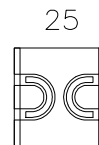
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23



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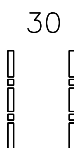


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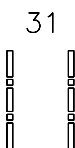


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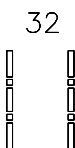
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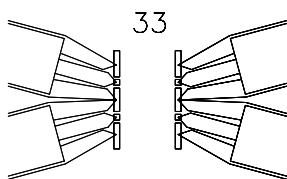
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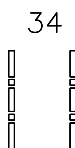
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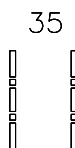
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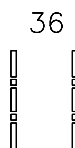
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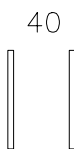


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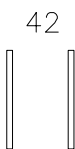
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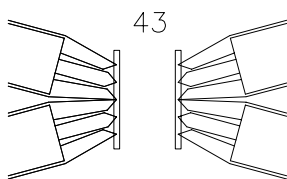
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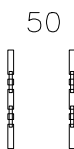


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S



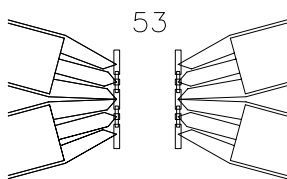
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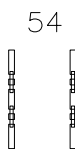
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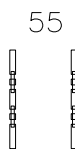
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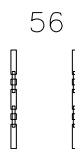
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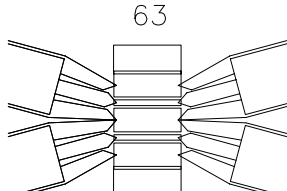
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L1



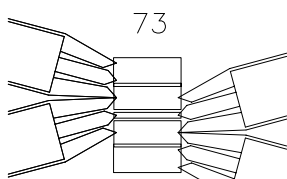
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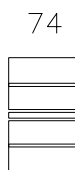
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72



73



74

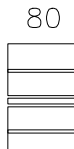


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L3



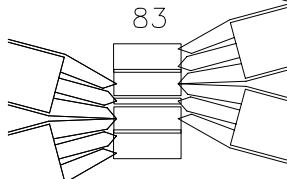
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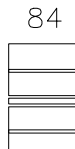
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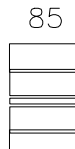
82



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86

L4

CS-2 Calibration Substrate Key (Table 1)

(all structures for GSGSG probes)

Location #	Description	Coordinates (X,Y)
01	1880 micron long verification thru	(0, -1500) from 10 for left probes
02	6600 micron long verification thru	(3400, -1500) from 10 for left probes
10	Home for Column 10	(0,0)
20	180 degree thrus	(0, 2000) from 10
30	Open pads	(0, 4000) from 10
40	Shorts	(0, 6000) from 10
50	50 ohm loads	(0, 8000) from 10
60	Thrus	(0, 10000) from 10
70	Thru (Move only the right dual probe down by twice its' pitch)	(0, 12000) from 10 for left probes
80	Thru (Move only the right dual probe up by twice its' pitch)	(0, 14000) from 10 for left probes

Columns 10, 11, 12, 13, 14, 15, and 16 are 1700 microns apart in the X dimension and the Y dimension spacings are the same as for column 10.