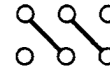


# PC BEADS

Multiple single turn printed circuit beads or multi-turn printed circuit beads are available in different sizes in Amidon #43 materials. The beads are supplied with tinned copper jumper wires which complete the desired winding configuration on the printed circuit board.

Similar beads are also available for surface mount board. The jumper wires are oxygen free high conductivity copper with a 95/5 tin/lead coating. Note that the beads are controlled for impedance limits only.

## Typical Printed Circuit Board Layouts



PCB43-0308  
Figure 1-A 3 Turns

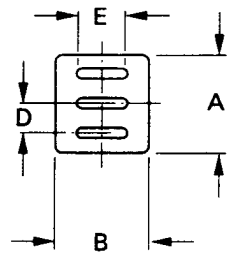
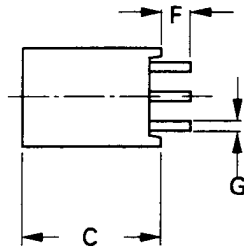
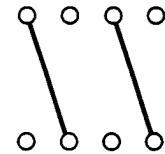


Figure 1



PCB43-0428  
Figure 2-A 4 Turns



PCB43-0428  
Figure 2-B 2 x 2 Turns

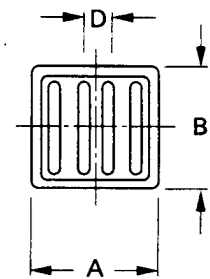


Figure 2

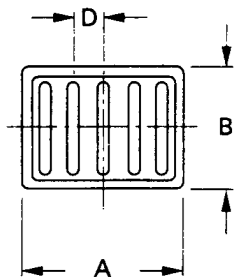
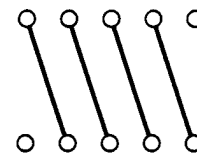
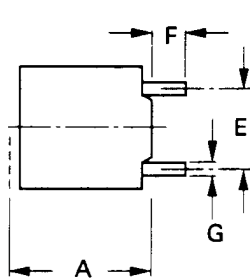


Figure 3



PCB43-0528  
Figure 3-A 5 Turns

Dimensions (Bold numbers are in millimeters, bottom numbers are in inches)

Impedance\* ( $\Omega$ )

PART NO.	Fig.	A	B	C Max.	D	E	F Min.	G	25 MHz Min.	100Mhz Min.
PCB43-0308	1	<b>8.0-.35</b> .308	<b>7.6-.50</b> .290	11.8 .464	<b>2.54±.1</b> .100	<b>2.54±.1</b> .100	2.4 .095	.65 22 AWG	188	288
PCB43-0428	2	<b>11.2-.50</b> .430	<b>11.2-.50</b> .430	11.8 .464	<b>2.54±.1</b> .100	<b>7.6±.2</b> .300	2.4 .095	.65 22 AWG	219	338
PCB43-0528	3	<b>13.45±.25</b> .530	<b>11.2-.50</b> .430	11.8 .464	<b>2.54±.1</b> .100	<b>7.6±.2</b> .300	2.4 .095	.65 22 AWG	219	338

\*Impedance specification applies for any one jumper wire, using a HP 4193A.