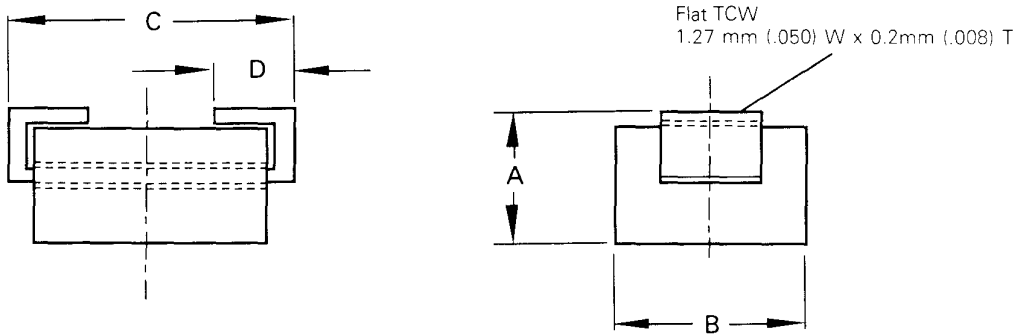


SURFACE MOUNT BEADS

Surface mount beads in Amidon #43 material are available in two sizes. These SM Beads are constructed with a solid flat copper conductor with a 95/5 tin/lead coating. This rugged construction decreases dc resistance and increases current carrying capacity compared with plated beads.

Notes:

- Supplied in taped and reeled in carriers, per EIA Standard 481A
- Also available in bulk packed. Change end of Part number from 7 to 6
- For more information, see next page
- Meet solder requirements of EIA-186-10E, temperature 260 ± 5 °C and time 10 ± 1
- Beads are controlled for impedance limits only



Dimensions (in millimeters)

Part Number	A	B	C	D	Weight (gm)	Tape Width	25 MHz Min. (Ω)	100 MHz Min. (Ω)	Max [†] DC (Ω)
SMB43-9447	2.85±0.2	3.05±0.1	5.1±0.85	1.35±0.65	0.15	12.0	23	47	0.6×10^{-3}
SMB43-1447	2.85±0.2	3.05±0.1	9.6±0.95	1.35±0.65	0.30	16.0	45	95	0.9×10^{-3}

*Impedance (in ohms) measured using a HP 4191A with spring clip fixture HP 16092A

†Maximum DC resistance

