

T-Cap[®]

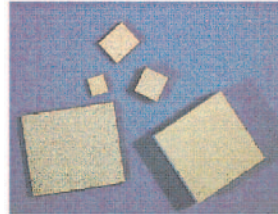
Transmission Line Single-Layer Capacitors

Functional Applications:

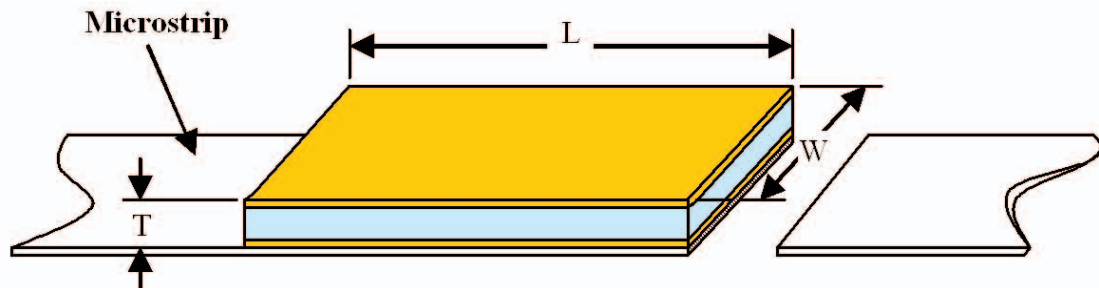
- Filtering
- DC Blocking
- RF Bypassing
- Tuning
- Insulation
- Submounts
- Stand-offs

Benefits:

- Consistant electrical resonance performance at microwave frequencies
- Repeatable performance from lot to lot
- Thin Film technology



T-Cap[®] “Transmission Line” capacitors are designed as a reliable solution in DC Blocking and RF Bypassing applications. The T-Cap[®] products utilize the same Single-Layer processing technology of the Di-Cap[®] product line, with one difference, this device offers a more constant physical size, and resonance behavior where dimensional consistency is more desirable than a specified capacitance value.



Part Number Identification

T	10	BV	10	X	K	P	X
Product T=Transmission Line Capacitor	Width Two digit number represents the width in .001 in.	Material See Material tables on page 5 in General Section.	Length Two digit number represents the length in .001 in.	Tolerance X = ± .001"=length = ± .001"=width = ± .0005" = thickness S = Special	Thickness Thickness in .010 in. Digits 0,...,9 = literal K =.010 M =.020 Example K2 = .012 inches	Termination P = Ni / Au T = Ni / AuSn M = Au	Test Level Y or X. See Test Level Codes on page 7 in General Section

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