DIELECTRIC LABORATORIES

T-Cap® Single Layer Capacitor

Description

High Performance Single Layer Capacitors for RF, Microwave and Millimeter Wave Applications.

- Wire Bondable
  100µ" Au with a Ni Barrier Layer
- Customized solutions available

Applications

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

Benefits

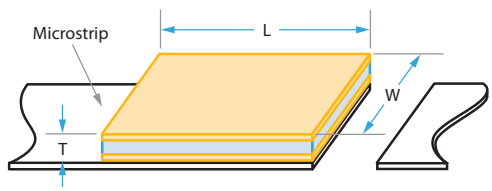
- Dimensional consistency
- Gold metallization for wire bonding
- Rugged construction

Test Level Codes

Commercial Level	
Y	1% AQL 2-Side Visual
X	100% 4-Side Visual 1% AQL Electrical (CAP/DF/IR & DWV)

High Reliability			
A	**MIL-PRF-49464 Group A** • 100% Thermal Shock • 100% Voltage Conditioning • 100% Electrical (CAP/DF/IR & DWV) • 100% 6-Side Visual • Bond Strength • Die Shear • Temperature Coefficient	B	**MIL-PRF-49464 Group B** • MIL-PRF-49464 Group A • Immersion • Low Voltage Humidity • Life
		D	• Customer Defined
		E	• 6-Side Visual

Dimensions



Part Number Identification

T	30	BV	30	X	45	P	X	
Product T = T-Cap®	**Width** Two digit number representing the Width in .001" For Widths >.099", consult an inside Sales Representative.	**Material** See material tables.	**Length** Two digit number representing the Length in .001" For Lengths >.099", consult an inside Sales Representative.	**Tolerance** X = Length and Width: ± .001", Thickness: -.0005" S = Special	**Thickness** "35"-"99" Represents thickness in .0001" K0 = .010" M0 = .020" Examples: 55 = .0055" K2 = .012" M5 = .025"	**Termination** P = Ni / Au T = Ni / AuSn M = Au	**Test Level** Y or X. See test level definitions.	**Packaging** D = Black Dotted E = Repopulated T = Tape and Reel Leave blank for generic waffle pack.

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