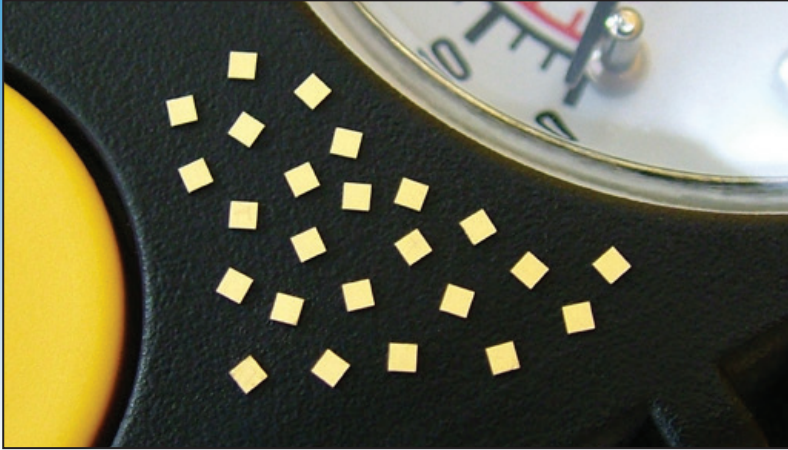


T-Cap®

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

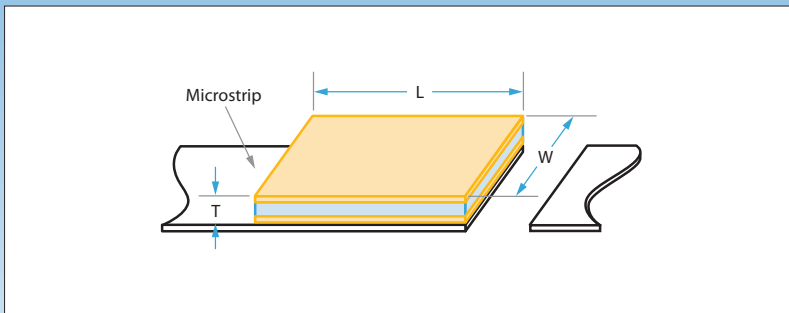
Commercial Level

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"	Material See material tables.	Length Two digit number representing the Length in .001"	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 T = Tape and Reel Leave blank for generic waffle pack.

*For custom designs contact applications engineering



DLI•JohansonMFG•Novacap•Syfer•Voltronics

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