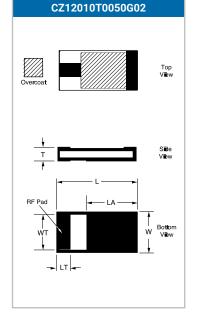
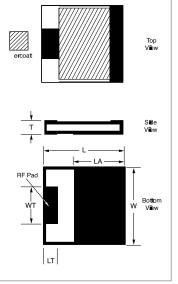
# Surface Mount Chip Terminations CZ1 Style

### **GENERAL SPECIFICATIONS**

- Nominal Impedance: 50 Ω
- Resistive Tolerance: ±2% standard
- Operating Temp Range: -55 to +150°C
- Temperature Coefficient: ±150 ppm/°C
- · Resistive Elements: Tantalum, Thin Film Processed
- Substrate Material: Aluminum Nitride
- Terminals: Silver over Nickel
- · Lead-Free, RoHS Compliant
- Reliability: MIL-PRF-55342
- Tape & Reel Specifications:



CZ12010T0050G &



KY<u>ocera</u>

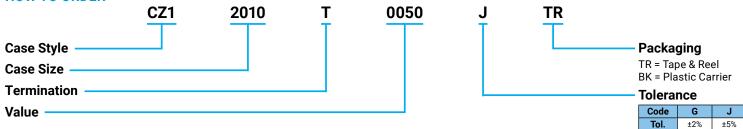
CZ12525T0050G

Values in Inches

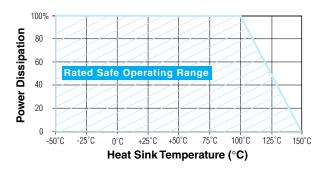
Part Number	W ±.010	L ±.010	T ±.005	LT ±.005	WT ±.005	LA ±.005	Frequency Range (GHz)	VSWR (Typ.)	Power Max* (Watts)
CZ12010T0050G	.100	.200	.040	.040	.090	.115	DC - 3.0	1.20:1	10W
CZ12010T0050G02	.100	.200	.040	.020	.090	.140	DC - 3.0	1.20:1	10W
CZ12525T0050G	.245	.245	.040	.030	.125	.170	DC - 4.0	1.25:1	20W

\* Test Condition: Chip soldered to a via patch on a 30-mil-thick Rogers R04350 board; Land surfaces at 100° C; maximum rated power applied. Specification: The resistance of the film shall change no more than 0.5% during and after a 1000-hr. Burn-in per Mil-PRF-55342.

### HOW TO ORDER



#### **POWER DERATING**

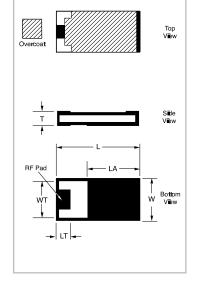


KUCCERA The Important Information/Disclaimer is incorporated in the catalog where these specifications came from or available online at www.kyocera-avx.com/disclaimer/ by reference and should be reviewed in full before placing any order.

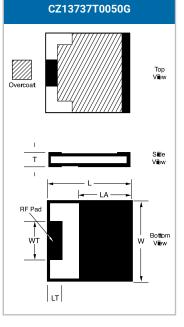
# Surface Mount Chip Terminations CZ1 Style

### **GENERAL SPECIFICATIONS**

- Nominal Impedance: 50 Ω
- Resistive Tolerance: ±2% standard
- Operating Temp Range: -55 to +150°C
- Temperature Coefficient: ±150 ppm/°C
- · Resistive Elements: Tantalum, Thin Film Processed
- Substrate Material: Aluminum Nitride
- Terminals: Silver over Nickel
- Lead-Free, RoHS Compliant
- Reliability: MIL-PRF-55342
- Tape & Reel Specifications:



CZ13725T0050G



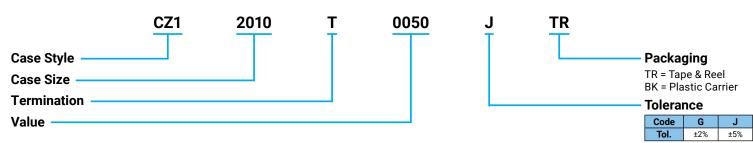
Values in Inches

KY<u>ocera</u>

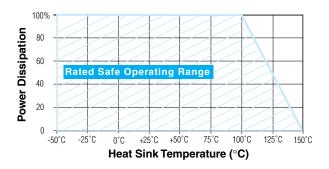
Part Number	W ±.010	L ±.010	T ±.005	LT ±.005	WT ±.005	LA ±.005	Frequency Range (GHz)	VSWR (Typ.)	Power Max* (Watts)
CZ13725T0050G	.250	.375	.040	.050	.125	.260	DC - 2.2	1.20:1	30W
CZ13737T0050G	.370	.370	.040	.050	.125	.275	DC - 3.0	1.25:1	40W

\* Test Condition: Chip soldered to a via patch on a 30-mil-thick Rogers R04350 board; Land surfaces at 100° C; maximum rated power applied. Specification: The resistance of the film shall change no more than 0.5% during and after a 1000-hr. Burn-in per Mil-PRF-55342.

### **HOW TO ORDER**



### **POWER DERATING**



KUCCERA The Important Information/Disclaimer is incorporated in the catalog where these specifications came from or available online at www.kyocera-avx.com/disclaimer/ by reference and should be reviewed in full before placing any order.

TDS-HPRES-0004 | Rev 1