

**Product Description:** Single Layer Capacitor, CSA (Edge-to-Edge) or CSM (Margin)

**TnM Dielectric: C200**

(Example specifies TnM series CSA, dielectric type C200, 0.030" x 0.030" x 0.006", Ti/Pt/Au, 1000pF, +/- 20%)

**CSA - 200 - 30x30 x 6 - V4 - 102 - M**

Capacitor Style  
CSA, CSM

Dielectric Type

Length x Width (mils)

| CSA       |           | CSM         |           |         |
|-----------|-----------|-------------|-----------|---------|
| L x W     | Tolerance | L x W       | Tolerance | Margins |
| < 20 mils | ±10%      | 10 thru 29  | ±2 mils   | 2 mils  |
| ≥ 20 mils | ±15%      | >29 thru 60 | ±3 mils   | 2 mils  |
|           |           | >60         | ±5 %      | 2 mils  |

Thickness (mils)

Tolerance: ±2 mils

Metallization

V4: Ti/Pt/Au (1/2/16 kA) Wire-Bondable, Typical

K6: Ti/Pt/Au (1/2/3 kA) Solderable, Others on request

Capacitor Tolerance

| Code | Tolerance                | Code | Tolerance |
|------|--------------------------|------|-----------|
| M    | ±20%                     | Y    | -10/+40%  |
|      |                          | Z    | -20/+80%  |
| GMV  | Guaranteed Minimum Value |      |           |

Other tolerances on request

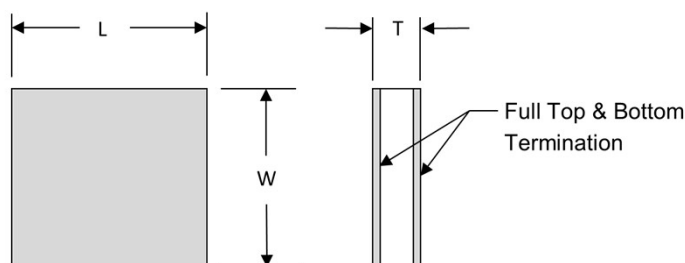
Capacitance (pF)

First two digits represent significant digits. The last digit is a multiplier and represents # of zeros to follow. When required, the letter 'R' is used as a decimal point, the succeeding digits represent significant digits only. (eg: 101 = 100pF; 3R2 = 3.2pF)

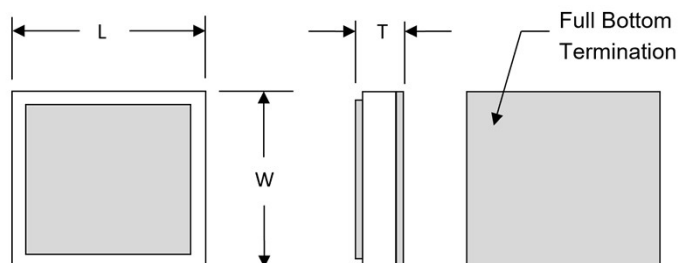
Packaging: Waffle Pack



CSA Detail



CSM Detail



Material Characteristics

|                         |                 |
|-------------------------|-----------------|
| Dielectric Constant (κ) | 25000           |
| DF Max (1Khz/1Mhz)      | .035            |
| Working Voltage (WVdc)  | *               |
| IR @ 25°C (Meg-Ohms)    | 10 <sup>4</sup> |
| T/C -55/+125°C          | +25/-15%        |

\*Contact the factory for Working Voltage

Typical Temperature Coefficient

