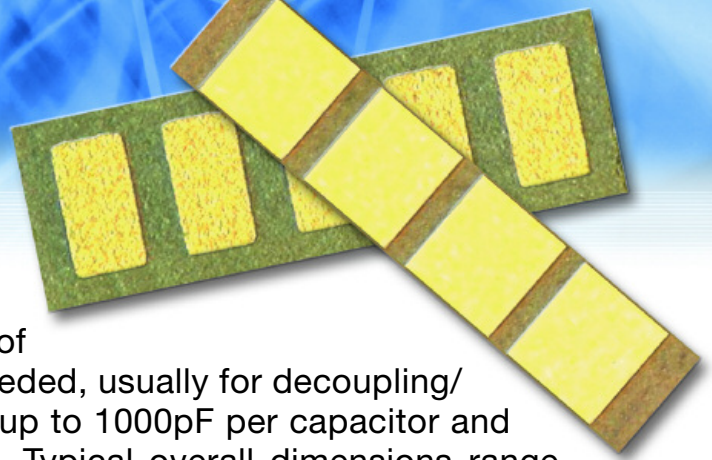


# CRO/CRM Series Row Capacitors



Row Capacitors are used where arrays of capacitors (not necessarily identical) are needed, usually for decoupling/bypass of GaAs integrated circuits. Values up to 1000pF per capacitor and up to 8 capacitors per array are available. Typical overall dimensions range from 20 x 65 mils to 40 x 125 mils. Parts can be fully customized to meet the requirements of your application with tighter spacing available.

- ROW CAPS (**CRO**) ARE ALSO AVAILABLE WITH MARGINS (**CRM**) SURROUNDING THE EDGES TO HELP PREVENT EPOXY SHORTS AND AID OPTICAL RECOGNITION SYSTEMS.

## CRO/CRM Part No. Assembly

Example shown: COMPEX Series CRO, dielectric type C-130, .105 x .025, gold, 100pF, +80 to -20% tolerance, 5 cap. chip.

**CRO - 130 - 105 x 25 - G - 101 - Z - 5**

Capacitor Style

**CRO** or **CRM**

Dielectric Type

See *Class I and Class II* tables (page 3)

Length (milli-inches)

See *CRO Chip Dimensions* (at right)

Width (milli-inches)

See *CRO/CRM Chip Selection* (at right)

Metallization

**Gold**

Capacitance (pF)

First two digits represent significant figures and the last, the number of zeros to follow. When required, the letter "R" is used as a decimal point and the succeeding digits represent significant figures only, eg.: 1R6 = 1.6pF

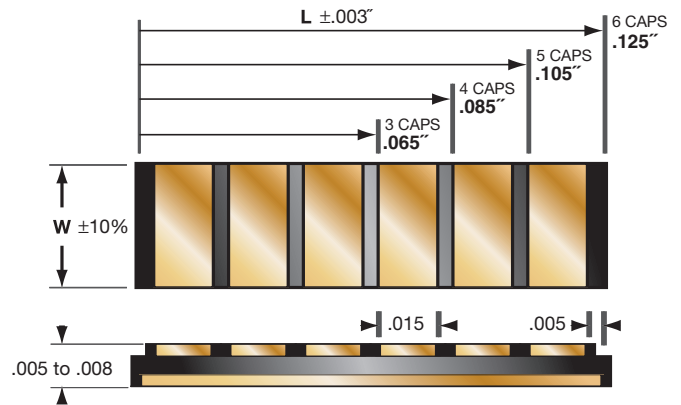
Capacitance Tolerance

**M** ( $\pm 20\%$ ) or **Z** ( $-20\%$  thru  $+80\%$ )

Number of Capacitors

**3, 4, 5, 6** or more

## CRO Chip Dimensions



## CRO/CRM Chip Selection

| Capacitance per Pad (pF) | Class II Dielectric Widths |       |       |
|--------------------------|----------------------------|-------|-------|
|                          | C-100                      | C-130 | C-140 |
| 33                       | .020"                      |       |       |
| 39                       | .024"                      |       |       |
| 47                       | .028"                      |       |       |
| 51                       | .030"                      |       |       |
| 56                       | .033"                      |       |       |
| 68                       | .040"                      |       |       |
| 82                       | .048"                      | .021" |       |
| 100                      |                            | .025" | .020" |
| 120                      |                            | .030" | .024" |
| 150                      |                            | .040" | .029" |
| 180                      |                            | .048" | .035" |
| 200                      |                            |       | .038" |
| 220                      |                            |       | .042" |
| 270                      |                            |       | .050" |