

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

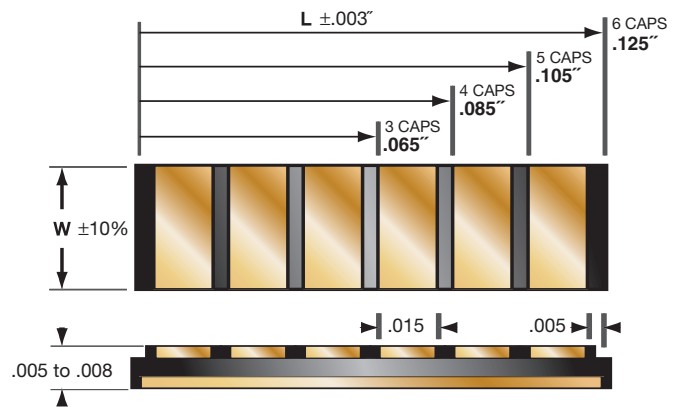
Capacitance Tolerance

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"