

FILTERS

FM DISCRIMINATORS—CHIP TYPE

CDACV SERIES



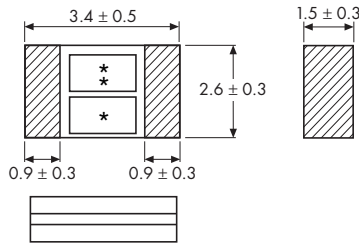
When using chip components in the design of FM radios, their arrangement and space allocation can create design difficulties. To help reduce these problems, Murata has developed this series of chip ceramic discriminators. They have heat resistant structures and allow the design of FM detecting circuits requiring no adjustment. Also, these discriminators yield stable demodulation characteristics. The CDACV10.7 Series can be used as kits with the Cerafil® SFECV10.7 Series to facilitate design.

FEATURES

- The discriminator is only 1.5mm thick so it is well suited for thin circuit boards.
- This discriminator can be used with a variety of ICs.
- It exhibits demodulation characteristics over a wide frequency range without the need for adjustment.
- The series has excellent temperature characteristics and good aging stability.

DIMENSIONS: mm

NEW CDACV10.7 SERIES



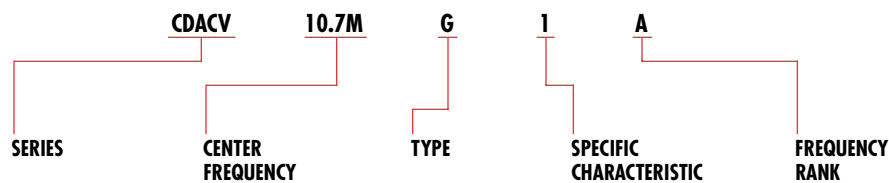
* : EIA-J Date Code
 ** : Center Frequency Rank Code

SPECIFICATIONS

Part Number	Demodulation Output (mV) min.	Demodulation Factor (%) max.	Demodulation 3dB Bandwidth (kHz) min.
CDACV10.7MG1-A	55	1.0	$f_0 \pm 150$
CDACV10.7MG16-A	60	0.9	$f_0 \pm 300$
CDACV10.7MG46-A	280	1.5	$f_0 \pm 330$

• 30% Dev.

PART NUMBERING SYSTEM



*Applicable in North American market only. ▼Applicable in European market only.
 For more detailed information regarding this product line in North America, see Catalog No. P-05-D. To receive additional information on Murata Products call 1-800-831-9172.
 For more detailed information regarding this product line in Europe, see Catalog No. P61E-4.

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