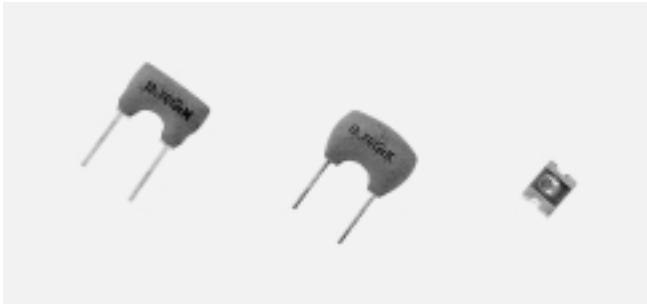


# PIEZO FILTERS CERAMIC DISCRIMINATORS FOR FM RECEIVER



The CDA 10.7 line of ceramic discriminators are resonator devices that offer adjustment free audio detection in both wide and narrow bandwidths. These IC dependent devices utilize FM specific detection methods to convert changes in frequency into an intelligible audio signal.

### LEADED CERAMIC DISCRIMINATORS

Part Number	IC Mfg.	IC Number	Part Number	IC Mfg.	IC Number
CDA10.7MG1-A	Sony	CX-20029/CX-20111	CDA10.7MG52-A	Motorola	MC13173
CDA10.7MG2-A	Sony	CX-831	CDA10.7MG53-A	Matsushita	AN7232
CDA10.7MG4-A	Rohm	BA4234L	CDA10.7MG54-A	Sony	CXA1376AM
CDA10.7MG6-A	Toshiba	TA7640AP	CDA10.7MG55-A	Philips	TEA5712T
CDA10.7MG7-A	Sanyo	LA1260	CDA10.7MG56-A	NEC	uPC1391H
CDA10.7MG8-A	Toshiba	TA7303P	CDA10.7MG57-A	Toshiba	TA2057
CDA10.7MG9-A	Toshiba	TA7130P	CDA10.7MG58-A	Toshiba	TA2046
CDA10.7MG12-A	Sony	CXA1030P	CDA10.7MG59-A	Samsung	KA2244
CDA10.7MG13-A	Matsushita	AN7007SU	CDA10.7MG60-A	Rohm	BA1448/1449
CDA10.7MG14A-A	Matsushita	AN7006S	CDA10.7MG61-A	Philips	TEA5762
CDA10.7MG15-A	Sanyo	LA1816	CDA10.7MG62-A	Toko	TK14581
CDA10.7MG16-A	Toshiba	TA8122AN	CDA10.7MG63-A	Samsung	KA2292
CDA10.7MG17-A	Philips	TEA5591	CDA10.7MG64-A	Samsung	KA2295
CDA10.7MG18-A	Toshiba	TA8132N	CDA10.7MG65-A	Samsung	KA2298
CDA10.7MG19-A	Rohm	BA1440	CDA10.7MG66-A	Rohm	BA4110
CDA10.7MG20-A	Signetics	NE604	CDA10.7MG67-A	Rohm	BA4240L
CDA10.7MG21-A	Signetics	TBA229-2	CDA10.7MG68-A	Sony	CXA1991N
CDA10.7MG22-A	Sanyo	LA1810	CDA10.7MG69-A	Sony	CXA1538
CDA10.7MG23-A	Sanyo	LA7770	CDA10.7MG70-A	Sanyo	LA1150
CDA10.7MG24-A	Philips	TDA2557	CDA10.7MG71-A	Toshiba	TA7765AF
CDA10.7MG25V-A	Telefunken	U829B	CDA10.7MG72-A	Toshiba	TA31161
CDA10.7MG26-A	Sanyo	LA1805	CDA10.7MG74-A	Sanyo	LA1838
CDA10.7MG27-A	Sony	CXA1238	CDA10.7MG75-A	Sony	CXA1611
CDA10.7MG28-A	Telefunken	U2501B	CDA10.7MG76-A	Sony	CXA3067M
CDA10.7MG29-A	Signetics	TBA120U	CDA10.7MG77-A	Toshiba	TA2111
CDA10.7MG30-A	Philips	TE5592	CDA10.7MG82-A	Toshiba	TA2099
CDA10.7MG31-A	Toshiba	TA2003	CDA10.7MG83-A	Sanyo	LA1827
CDA10.7MG32-A	Sony	CXA1343M	CDA10.7MG84-A	Rohm	BH4126FV
CDA10.7MG33-A	Toshiba	TA2007	CDA10.7MG85-A	Philips	SA639
CDA10.7MG34V-A	Telefunken	U4490B	CDA10.7MG86-A	Sanyo	LA1833
CDA10.7MG35-A	Philips	TEA5594	CDA10.7MG87-A	Motorola	MC3363
CDA10.7MG36-A	Toshiba	TA2029	CDA10.7MG88-A	Toshiba	TA8721ASN
CDA10.7MG37-A	Sanyo	LA1830	CDA10.7MC1-A	Sony	CX-2009T/CXA1019M
CDA10.7MG39-A	Toshiba	TA8186	CDA10.7MC2-A	Toshiba	TA7687P/F
CDA10.7MG40-A	Philips	TEA5710	CDA10.7MC3-A	Matsushita	AN7220A
CDA10.7MG41-A	Rohm	BA4220	CDA10.7MC4A-A	Motorola	MC3356P
CDA10.7MG42-A	Signetics	SA605	CDA10.7MC5A-A	Sanyo	LA7770
CDA10.7MG43-A	Sanyo	LA1831	CDA10.7MC6-A	Philips	TEA5591
CDA10.7MG45-A	Toshiba	TA2008	CDA10.7MC10-A	Philips	TEA5594
CDA10.7MG46-A	Sanyo	LA1832	CDA10.7MC19-A	Rohm	BA1440
CDA10.7MG47A-A	Signetics	SA626	CDA10.7MC30-A	Philips	TEA5592
CDA10.7MG48-A	Sanyo	LA1835	CDA10.7MC40-A	Philips	TEA5710
CDA10.7MG49-A	Motorola	MC13156	CDA10.7MC43-A	Sanyo	LA1831
CDA10.7MG50-A	Toshiba	TA2022	CDA10.7MC55-A	Philips	TEA5712T/N2
CDA10.7MG51-A	Siemens	TDA1576T			

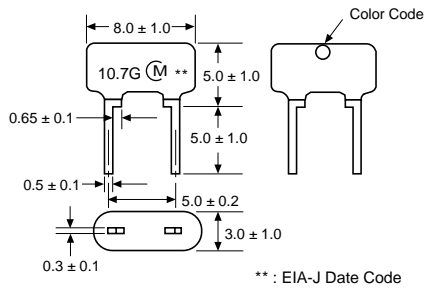
Note: The -A suffix designates 10.7MHz center frequency with  $\pm 30$ kHz tolerance. The -Z suffix designates a 10.7MHz center frequency with a  $\pm 90$ kHz tolerance and is also available. See page 441.

**PIEZO FILTERS**  
**CERAMIC DISCRIMINATORS**  
**FOR FM DEMODULATION RECEIVERS**

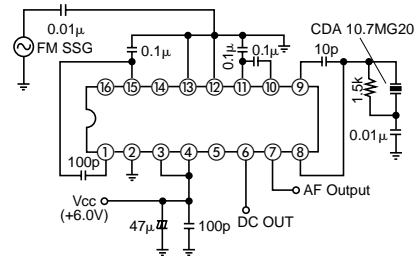
**SURFACE MOUNT CERAMIC DISCRIMINATORS**

Part Number	IC Mfg.	IC Number
CDACV10.7MC1-A-TC	Sony	CX-20091
CDACV10.7MG1-A-TC	Sony	CX-20029
CDACV10.7MG16F-A-TC	Toshiba	TA8122AF
CDACV10.7MG18-A-TC	Toshiba	TA8132F
CDACV10.7MC40-A-TC	Philips	TEA5710
CDACV10.7MG50-A-TC	Toshiba	TA2022
CDACV10.7MG51-A-TC	Siemens	TDA1576T
CDACV10.7MG53-A-TC	National	AN7232
CDACV10.7MG54-A-TC	Sony	CXA1376
CDACV10.7MG69-A-TC	Sony	CXA1538N

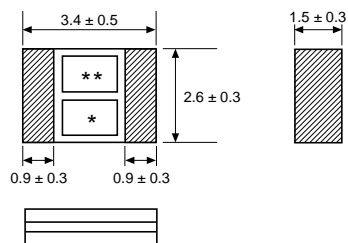
**LEADED DIMENSIONS: mm**  
**CDA TYPE**



**TYPICAL CIRCUIT**



**SURFACE MOUNT DIMENSIONS: mm**  
**CDACV TYPE**



**RECOMMENDABLE LAND PATTERN: mm**

