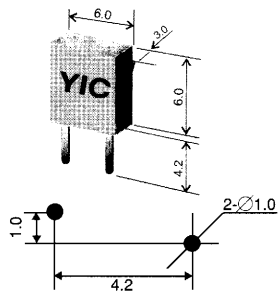


YIC Ceramic Discriminator (CDBM/JT/JT10.7 Series)

CDBM Series of Ceramic Discriminator For Communication

455KHz

● TECHNICAL CHARACTERISTICS



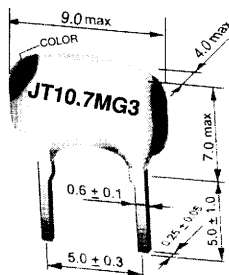
Part Number	Recovered Audio		Distortion		IC	Application
	3dB Bandwidth (from 455kHz)min	Output (at 455kHz)	(at 455kHz) max.	within 455±8kHz		
CDBM455C28	±4.0	40±20mV	30%	—	TA31142	Cordless
CDBM455C32	±4.0	40±20mV	30%	—	TA31143	Cordless

Part Number	Resonant Frequency(Fr)	Antiresonant Frequency(Fa)	ΔF(Fa-Fr)	Resonant Resistance(R1)	Capacitance (C)	IC	Application
CDBM455C3	—	455±1.5kHz	46±5.0kHz	70Ω max.	550pF±20%	CXA1184M	Cordless

JT10.7 Series of Ceramic Discriminator For FM

10.7MHz

● TECHNICAL CHARACTERISTICS



Part Number	Demodulation Output at fo(mv)min	Distortion Factor at fo(%)max	Demodulation 3dB Bandwidth(kHz)(min)	Applicable IC
JT10.7MG1	25	1.0	345	CX-2009,CX-2001
JT10.7MG3	25	1.0	±150	TA7303P,TA7130P μ PC1028H,LA1150
JT10.7MG16	60~90	0.9	300	TA8122AN
JT10.7MG18	60~90	0.9	300	TA8132N
JT10.7MG31	50	1.0	300	TA2007
JT10.7MG33	45	0.7	250	TA2009P/F
JT10.7MG77	60	1.0	220	TA2111
JT10.7MG80	65	1.0	300	TA2104AFN
JT10.7MG82	90	0.8	320	TA2009N
JT10.7MG92	60	1.0	300	TA2132P
JT10.7MC1	35	1.0	242	CXA1019M,CX-20091

● SPECIFICATION

Center Frequency	Color
D:10.64MHz±30kHz	Black
B:10.67MHz±30kHz	Blue
A:10.70MHz±30kHz	Red
C:10.73MHz±30kHz	Orange
E:10.76MHz±30kHz	White

● EXAMPLE OF APPLICATION

