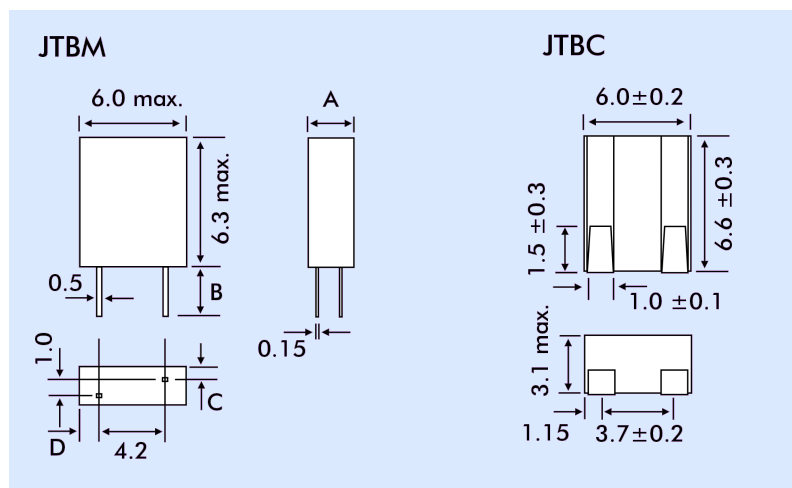


- Ceramic discriminators for AM applications:
- SMD type for reflow soldering (JTBC)
- Leaded type (JTBM)



ELECTRICAL SPECIFICATION OF JTBM / JTBC

Part Number	Nominal Anti-Resonant Frequency	$\Delta f(f_a - f_r)$	Resonant Resistance (R)	Static Capacitance (C ₀)	Recomm. IC	Dimensions			
						A	B	C	D
JTBM/JTBC455C2	447±1.5kHz	463±1.5kHz	10.0kΩ	140pF±20%	TA8104	3.0	4.2	0.6	1.8
JTBM/JTBC455C3	455±1.5kHz	46±5.0kHz	70Ω max.	550pF±20%	CXA1184M	2.5	4.2	1.0	1.0
JTBM/JTBC455C25	465±1.5kHz	45±5.0kHz	300Ω max.	135pF±20%	CXA1484	3.0	4.2	0.6	1.8

For other frequencies and specifications please contact Euroquartz sales.

Part Number	Recovered Audio 3dB Bandwidth (from 455kHz)	Recovered Audio Output Voltage (at 455kHz)	Distortion (at 455kHz)	Recomm. IC	Dimensions			
					A	B	C	D
JTBM/JTBC455C7	±4.0kHz min.	340±60mV	3.0% max.	MC3357	3.0	4.2	0.6	1.0
JTBM/JTBC455C16	±4.0kHz min.	185±40mV	2.0% max.	MC3372	3.0	4.2	0.6	1.0
JTBM/JTBC455C18	±3.0kHz min.	180±40mV	2.0% max.	MC3371	3.0	4.2	0.6	1.0
JTBM/JTBC455C24	±4.0kHz min.	100±40mV	2.0% max.	TA31136	2.5	4.2	1.0	1.0
JTBM/JTBC455C28	±4.0kHz min.	40±20mV	2.5% max.	TA31142	2.5	4.2	1.0	1.0
JTBM/JTBC455C32	±4.0kHz min.	40±20mV	3.0% max.	TA31143	2.5	4.2	1.0	1.0
JTBM/JTBC455C34	±4.0kHz min.	65±20mV	2.5% max.	MC13136	2.5	4.2	1.0	1.0
JTBM/JTBC455C40	±4.0kHz min.	40±20mV	3.0% max.	TA31145	2.5	4.2	1.0	1.0
JTBM/JTBC455C47	±4.0kHz min.	40±20mV	3.0% max.	TA31147F	2.5	4.2	1.0	1.0
JTBM/JTBC455C49	±4.0kHz min.	360±50mV	2.5% max.	MC3357	3	4.2	0.6	1.0
JTBM/JTBC455C50	±4.0kHz min.	64±6.4mV	4.0% max.	CXA3117N	2.5	4.2	1.0	1.0

For other frequencies and specifications please contact Euroquartz sales.

Part Number	Recovered Audio Output Voltage (at 455kHz)	Difference of Voltage between 455±4.8kHz	Recomm. IC	Dimensions			
				A	B	C	D
JTBM/JTBC455C54	165±20mV	170±20mV	TA3114D	2.5	4.0	1.0	1.0

JTBM / JTBC parts are available at 450kHz or 455kHz