



# Discriminator

## Communication - JTC Ceramic Discriminators / 陶瓷鉴频器

### ▶ JTC for Communication ( Murata CDBC Compatible )

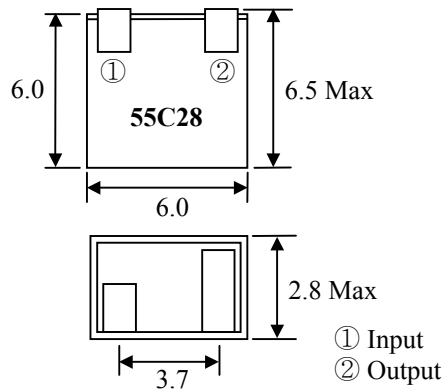
**455kHz**

JTC consists of wide band piezoelectric resonator. It is ideal for mobile communication equipments due to its small size and light weight. Standard line include products for wide range of application, from cordless telecom to cellular telephone, making non-adjustment and shrinking of the detection circuit possible.

### ▶ Discriminator Features

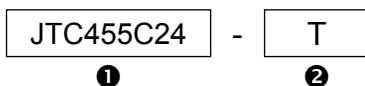
1. Small in size and light weight.
2. Realize no-adjustment in detection circuit.
3. High sensitivity and stability.
4. Wide range of standard products are available for various ICs.
5. Operating temperature range: -20 to +80 ( °C )  
Storage temperature range: -40 to +85 ( °C )

### ▶ Ceramic JTC Series for Communication Technical Characteristics



Part Number	Center Frequency (fo)(kHz)	Recovered Audio 3dB BW (kHz)min	Recovered Audio Output (mV)min	Distortion Factor (At fo) (%)max	Applicable IC
JTC455C24	455±2	±4.0	100±40	2.0	TA31136
JTC455C28	455±2	±4.0	40±20	3.0	TA31142
JTC455C29	455±2	±4.0	125±30	2.5	NE605
JTC455C32	455±2	±4.0	40±20	3.0	TA31143
JTC455C49	455±2	±4.0	45±20	3.0	MC3361
JTC455C50	455±2	±4.0	65±20	4.0	CXA3117N

### ▶ How to Order



① Part Number

② Packaging ( T: Taping Reel )

