

# CERAMIC DISCRIMINATOR

## JTM / JTC



JTM

JTC



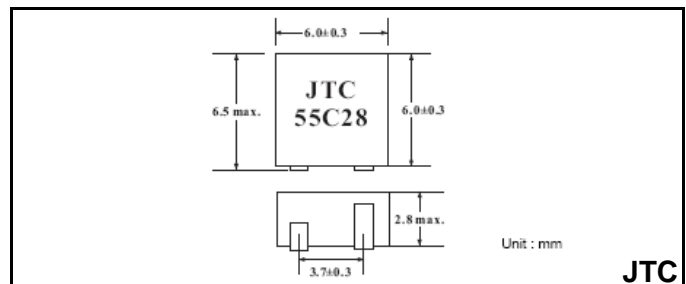
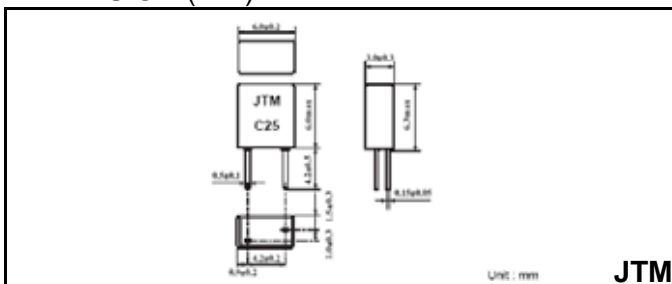
| JTM       |                            |                                   |                                  |                                   |               |
|-----------|----------------------------|-----------------------------------|----------------------------------|-----------------------------------|---------------|
| Series    | Center Frequency (fn)(KHz) | Recovered Audio 3dB BW (KHz) min. | Recovered Audio Output (mV) min. | Distortion Factor (At fn)(%) max. | Applicable IC |
| JTM455C18 | 455±2                      | ±3.0                              | 180±40                           | 2.0                               | MC3371        |
| JTM455C24 | 455±2                      | ±4.0                              | 100±40                           | 2.0                               | TA31136       |
| JTM455C28 | 455±2                      | ±4.0                              | 40±20                            | 3.0                               | TA31142       |
| JTM455C29 | 455±2                      | ±4.0                              | 125±30                           | 2.5                               | NE605         |
| JTM455C32 | 455±2                      | ±4.0                              | 40±20                            | 3.0                               | TA31143       |
| JTM455C47 | 455±2                      | -                                 | 140±20 (fn)<br>140±20 (fn±4.8)   | -                                 | TA31147       |
| JTM455C50 | 455±2                      | ±4.0                              | 64±6.4                           | 4.0                               | CXA3117N      |

| Series    | Resonant Frequency (Fr)(MHz) | Antiresonant Frequency (Fa)(KHz) | Band Width (Fa-Fr (KHz) | Resonant Resistance ( ) Max | Capacitance pF±20% | Applicable IC |
|-----------|------------------------------|----------------------------------|-------------------------|-----------------------------|--------------------|---------------|
| JTM455C2  | 447.5±1.5<br>(at  Z =2.05K ) | 463.5±1.5<br>(at  Z =10K )       |                         |                             | 140                | TA8104        |
| JTM455C3  |                              | 455.0±1.5                        | 48.0±5.0                | 70                          | 600                | CXA1184M      |
| JTM455C4  |                              | 470.0±1.0                        | 43.0±2.0                | 300                         | 140                | LA8610        |
| JTM455C10 | 429±2.0                      |                                  | 51.0±5.0                | 70                          | 580                | TA8103F       |
| JTM455C15 |                              | 463.5±1.0                        | 43.0±2.0                | 300                         | 140                | CXA1483M      |
| JTM455C25 |                              | 465.0±1.5                        | 45.0±4.0                | 300                         | 135                | CXA14834      |

| JTC       |                            |                                   |                                  |                                   |               |
|-----------|----------------------------|-----------------------------------|----------------------------------|-----------------------------------|---------------|
| Series    | Center Frequency (fn)(KHz) | Recovered Audio 3dB BW (KHz) min. | Recovered Audio Output (mV) min. | Distortion Factor (At fn)(%) max. | Applicable IC |
| JTC455C24 | 455±2                      | ±4.0                              | 180±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      |

Please consult our sales representatives for other specifications.

### DIMENSION (mm)



All specifications are subject to change without notice.



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