



**THE DATASHEET OF
CDSCB10M7GA119-R0**



● Part Numbering

Discriminators for FM

(Part Number)

| | | | | | | | |
|----|---|----|------|---|---|-----|-----|
| CD | A | LF | 10M7 | G | A | 001 | -B0 |
| ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ |

① Product ID

| Product ID | |
|------------|----------------|
| CD | Discriminators |

② Oscillation

| Code | Oscillation |
|----------|-------------------------|
| A | Thickness Expander mode |
| S | Thickness Shear mode |

③ Structure/Size

| Code | Structure/Size |
|------------|----------------|
| L □ | Lead Type |
| C □ | Chip Type |

□ is expressed "A" or subsequent code, which indicates the structure/size.

④ Nominal Center Frequency

Expressed by four-digit alphanumerics. The unit is in hertz (Hz). Decimal point is expressed by capital letter "M" in case of MHz.

⑤ Series

| Code | Series |
|----------|--|
| G | Two-digit alphanumerics express series |

⑥ Center Frequency/Tolerance

| Code | Center Frequency | Tolerance |
|----------|--|-----------|
| A | Center Frequency mentioned by specification | ±30kHz |
| B | -30kHz shifted from center frequency of code "A" | ±30kHz |
| C | +30kHz shifted from center frequency of code "A" | ±30kHz |
| D | -60kHz shifted from center frequency of code "A" | ±30kHz |
| E | +60kHz shifted from center frequency of code "A" | ±30kHz |
| H | Center Frequency mentioned by specification | ±25kHz |
| V | -50kHz shifted from center frequency of code "H" | ±25kHz |
| W | +50kHz shifted from center frequency of code "H" | ±25kHz |
| K | Center Frequency mentioned by specification | ±20kHz |
| Z | Combination of A, B, C, D, E | — |
| M | Combination of A, B, C | — |
| F | Nominal Center Frequency | — |

3dB bandwidth of "F" signifies the frequency difference (both + and -) from reference frequency which is nominal center frequency.

⑦ IC

| Code | IC |
|------------|----------------------------|
| 001 | Applicable IC Control Code |

⑧ Packaging

| Code | Packaging |
|------------|------------------------------------|
| -B0 | Bulk |
| -A0 | Radial Taping H ₀ =18mm |
| -R0 | Embossed Taping ø=180mm |
| -R1 | Embossed Taping ø=330mm |

Radial taping is applied to lead type and embossed taping to chip type. With non-standard products, an alphanumerics indicating "Individual Specification" is added between "⑦IC" and "⑧Packaging".

Looking for pricing, stock, or lifecycle information?

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