



**THE DATASHEET OF  
SFELA10M7DF00-B0**



● Part Numbering

CERAFIL® for FM

(Part Number) 

SF	E	LF	10M7	F	A	A0	-B0
①	②	③	④	⑤	⑥	⑦	⑧

① Product ID

Product ID	
<b>SF</b>	Ceramic Filters

② Oscillation/Number of Elements

Code	Oscillation/Number of Elements
<b>E</b>	2 Elements Thickness Expander mode
<b>T</b>	3 Elements Thickness Expander mode
<b>V</b>	2 Elements Thickness Expander mode (2nd Harmonic)
<b>K</b>	2 Elements Thickness Expander mode (3rd Over Tone)

③ Structure/Size

Code	Structure/Size
<b>L</b> □	Lead Type
<b>C</b> □	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 3dB Bandwidth

Code	3dB Bandwidth
<b>C</b>	450kHz min
<b>D</b>	350kHz min
<b>E</b>	330kHz
<b>F</b>	280kHz
<b>G</b>	230kHz
<b>H</b>	180kHz
<b>J</b>	150kHz
<b>K</b>	110kHz
<b>L</b>	80kHz
<b>M</b>	50kHz
<b>N</b>	35kHz

⑥ Center Frequency/Tolerance

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

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

⑦ Series

Code	Series
<b>A0</b>	Two-digit alphanumerics express series

⑧ Packaging

Code	Packaging
<b>-B0</b>	Bulk
<b>-R0</b>	Embossed Taping ø180mm
<b>-R1</b>	Embossed Taping ø330mm
<b>-A0</b>	1500pcs. /Radial Taping H <sub>0</sub> =18mm
<b>-A1</b>	1000pcs. /Radial Taping H <sub>0</sub> =18mm

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

## Looking for pricing, stock, or lifecycle information?

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- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
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