Part Numbering

CERAFIL® for FM

(Part Number) SF E LF 10M7 F A A0 -B0

●Product ID

Product ID	
SF	Ceramic Filters

2Oscillation/Number of Elements

Code	Oscillation/Number of Elements
E	2 Elements Thickness Expander mode
Т	3 Elements Thickness Expander mode
V	2 Elements Thickness Expander mode (2nd Harmonic)
К	2 Elements Thickness Expander mode (3rd Over Tone)

3Structure/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.

53dB Bandwidth

Code	3dB Bandwidth
С	450kHz min
D	350kHz min
E	330kHz
F	280kHz
G	230kHz
Н	180kHz
J	150kHz
К	110kHz
L	80kHz
М	50kHz
N	35kHz

6Center Frequency/Tolerance

Code	Center Frequency	Tolerance
Α	Center Frequency mentioned by specification	±30kHz
В	-30kHz shifted from center frequency of code "A"	±30kHz
С	+30kHz shifted from center frequency of code "A"	±30kHz
D	-60kHz shifted from center frequency of code "A"	±30kHz
Е	+60kHz shifted from center frequency of code "A"	±30kHz
Н	Center Frequency mentioned by specification	±25kHz
٧	-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	_
М	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.

Series

Code	Series
Α0	Two-digit alphanumerics express series

8 Packaging

Code	Packaging
-B0	Bulk
-R0	Embossed Taping ø180mm
-R1	Embossed Taping ø330mm
-A0	1500pcs. /Radial Taping H ₀ =18mm
-A1	1000pcs. /Radial Taping H₀=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 "Series" and "Series".