Jameco Part Number 1914349

● Part Numbering

CERAFIL® for FM

(Part Number) | SF | E | LF | 10M7 | F | A | A0 | -B0 |
❶ ❷ ❸ ❹ ❺ ❻ ❼ ❽

❶Product ID

Product ID	
SF	Ceramic Filters

❷Oscillation/Numbers of Element

Code	Oscillation/Numbers of Element
E	2 Elements Thickness Expander mode
T	3 Elements Thickness Expander mode
V	2 Elements Thickness Expander mode (2nd Harmonic)
K	2 Elements Thickness Expander mode (3rd Over Tone)

❸Structure/Size

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

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

❹Nominal 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.

❺3dB Bandwidth

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

❻Center 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 band width of "F" signifies the frequency difference (both + and -) from reference frequency which is nominal center frequency.

❼Series

Code	Series
A0	Two-digit alphanumerics express series

❽Packaging

Code	Packaging
-B0	Bulk
-R0	Embossed Taping ø180mm
-R1	Embossed Taping ø330mm
-A0	1500pcs. /Radial Taping H_0=18mm
-A1	1000pcs. /Radial Taping H_0=18mm

Radial taping is applied to lead type and embossed taping to chip type. With non-standard products, two-digit alphanumerics indicating "Individual Specification" is added between "❼Series" and "❽Packaging".
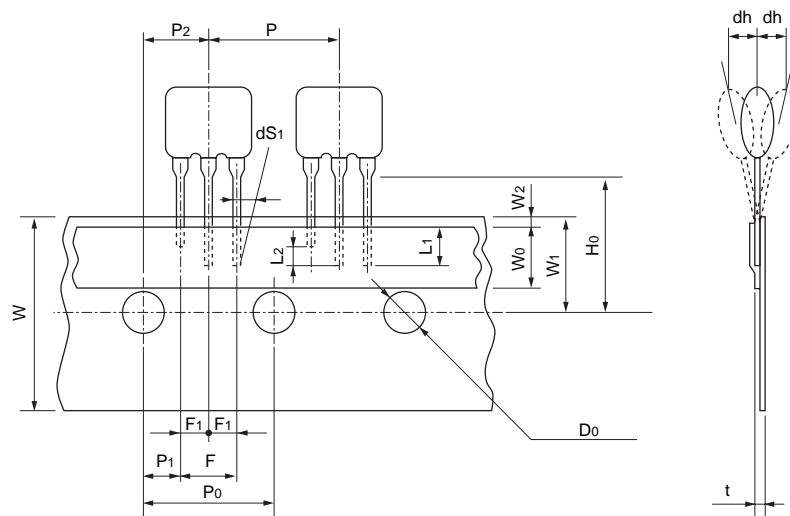
Item	Code	Dimensions	Tolerance	Remarks
Lead length under the hold down tape	L_1	3.0 min.	-	
Length of cut off	L_2	2.0 max.	-	To distinguish the direction
Pitch of components	P	12.7	±0.5	
Pitch of sprocket hole (1)	P_0	12.7	±0.2	
Length from hole center to lead	P_1	3.85	±0.5	
Length from hole center to component center	P_2	6.35	±0.5	
Lead spacing (1)	F	5.0	+0.5 −0.2	
Lead spacing (2)	F_1	2.5	±0.2	
Slant to the forward or backward	dh	0	±1.0	
Slant to the left or right	dS_1	0	±1.0	
Width of carrier tape	W	18.0	±0.5	
Width of hold down tape	W_0	6.0 min.	-	
Position of sprocket hole	W_1	9.0	±0.5	
Gap of hold down tape and carrier tape	W_2	0	+0.5 −0	Hold down tape doesn't exceed the carrier tape
Distance between the center of sprocket hole and lead stopper	H_0	18.0	±0.5	
Diameter of sprocket hole	D_0	ø4.0	±0.2	
Total tape thickness	t	0.6	±0.2	
Pitch of sprocket hole (2)	P_020	254.0	±1.5	The pitch of 20 sprocket holes

(in mm)

CODE	30kHz Step	25kHz Step	Color Code
D	10.64MHz±30kHz	10.650MHz±25kHz	Black
B	10.67MHz±30kHz	10.675MHz±25kHz	Blue
A	10.70MHz±30kHz	10.700MHz±25kHz	Red
C	10.73MHz±30kHz	10.725MHz±25kHz	Orange
E	10.76MHz±30kHz	10.750MHz±25kHz	White
Z	Combination A, B, C, D, E		
M	Combination A, B, C		