

# FM Series

The FM series coils are made of nano-crystal.

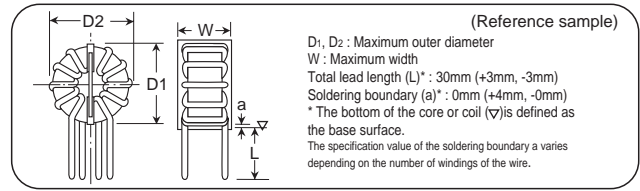
## ◆MAJOR USES

- For noise filter in inverter or large capacity power supply

## ◆FEATURES

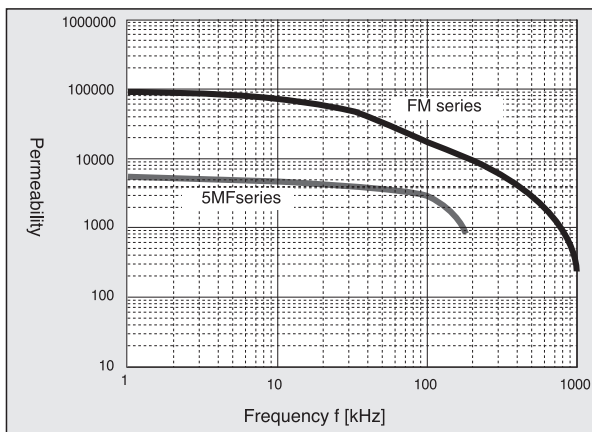
- Small profile, light weight through adoption of high permeability core
- High inductance in spite of a small number of turns
- Low temperature rise and, low d.c. resistance
- Stable frequency performance of noise suppression in wide frequency range
- Excellent temperature characteristics
- Conforming to insulating type B and incombustibility UL94V-0

## ◆GENERAL SPECIFICATION



P/N	Rated current Arms	Inductance (100kHz)	Outside dimension			Winding *2 mmφ×lines-turns	D.C.R. mΩ (max)	Core name
		Rating μH	D1 mm	D2 mm	W mm			
FM05302MT	5	3	34.0	36.0	20.0	1.1x1p-15T	17	F281510M
FM05502MT	5	5	34.5	36.5	20.5	1.1x1p-20T	23	F281510M
FM05103MR	5	10	39.0	41.0	25.5	1.1x1p-26T	33	F322015M
FM10102MT	10	1	34.0	38.0	21.0	1.5x1p-10T	8	F281510M
FM10302MT	10	3	36.0	38.0	22.0	1.4x1p-15T	11	F281510M
FM10502MR	10	5	40.0	43.0	27.0	1.5x1p-19T	15	F322015M
FM10103MJ	10	10	45.5	46.5	27.5	1.5x1p-26T	20	F372315M
FM15102MT	15	1	34.5	38.0	20.5	1.6x1p- 8T	6	F281510M
FM15302MR	15	3	39.0	42.5	29.0	1.8x1p-15T	10	F322015M
FM15502MJ	15	5	47.0	47.5	28.0	1.8x1p-19T	11	F372315M
FM20102MR	20	1	39.0	43.0	26.5	1.5x2p- 8T	5	F322015M
FM20302MJ	20	3	46.0	48.0	30.0	1.5x2p-14T	7	F372315M
FM25252MJ	25	2.5	45.0	49.0	31.0	1.6x2p-13T	5	F372315M
FM30102MR	30	1	39.0	44.0	29.5	1.7x2p- 8T	5	F322015M
FM30202MJ	30	2	44.5	48.5	31.0	1.7x2p-12T	6	F372315M

## ◆Frequency dependence



## ◆Frequency performance of noise suppression

