

■ FEATURES

Very strong solderability by flow soldering, soldering iron or wave soldering.
 Terminals are highly resistant to pull forces.
 Highly resistant to mechanical shocks and pressure.
 Highly reliable in environments of sudden temperature change and humidity.
 Super Q characteristics.

■ APPLICATIONS

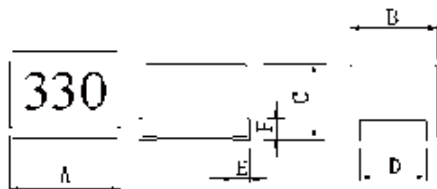
Microtelevisions, liquid crystal televisions, video cameras, portable VCRs, car radios, car stereos, Thin tape radios, television tuners, mobile telephones, radio and other electronic devices.

■ PRODUCT IDENTIFICATION

① ② ③ ④ ⑤ ⑥
 MFI - 252018C - 1R0M □ □

- ① Product Code
- ② Dimensions Code
- ③ Current Type
- ④ Inductance Code
- ⑤ Tolerance Code
- ⑥ Pattern Code

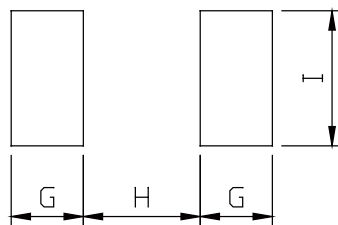
■ PRODUCT DIMENSIONS



NOTES: DIMENSION IN mm

PART NO.	A	B	C	D	E	F
MFI-252018C	2.5±0.3	2.0±0.2	1.8±0.2	1.4±0.1	0.4Typ.	0.4Typ.
MFI-322522C	3.2±0.3	2.5±0.2	2.2±0.2	1.9±0.1	0.4Typ.	0.6Typ.

■ LAND PATTERN



NOTES: DIMENSION IN mm

PART NO.	G	H	I
MFI-252018C	1.00	1.50	1.50
MFI-322522C	1.20	2.00	2.00

Wire Wound SMD Type

■ PRODUCT SPECIFICATIONS

Part Number	Inductance (μH)	Inductance Tolerance	Q Min.	L.Q Test Freq. (MHz)	S.R.F.(MHz) Min.	R _{DC} (Ω) Max.	Rated Current (mA) Max.
MFI-252018C-1R0	1.0	M	30	7.96	200	0.34	475
MFI-252018C-1R5	1.5	M	30	7.96	165	0.42	435
MFI-252018C-2R2	2.2	M	30	7.96	95	0.50	390
MFI-252018C-3R3	3.3	M	30	7.96	55	0.85	340
MFI-252018C-4R7	4.7	M	30	7.96	43	1.04	285
MFI-252018C-6R8	6.8	M	25	7.96	39	1.25	275
MFI-252018C-100	10	K	20	2.52	30	1.69	210
MFI-252018C-150	15	K	25	2.52	21	2.40	175
MFI-252018C-220	22	K	25	2.52	18	3.00	160
MFI-252018C-330	33	K	25	2.52	16	5.50	120

1. Please specify the inductance tolerance, K(±10%),M(±20%)
2. IDC:Based on inductance change($\Delta L/L_0 \leq -10\%$) and Based on temperature rise($\Delta T:20^\circ\text{C Typ.}$)

■ PRODUCT SPECIFICATIONS

Part Number	Inductance (μ H)	Inductance Tolerance	Q Min.	L.Q Test Freq. (MHz)	S.R.F.(MHz) Min.	R _{DC} (Ω) Max.	Rated Current (mA) Max.
MFI-322522C-R15	0.15	M	5	25.2	400	0.25	1350
MFI-322522C-R22	0.22	M	5	25.2	250	0.30	1150
MFI-322522C-R47	0.47	M	5	25.2	150	0.30	1000
MFI-322522C-1R0	1.0	M	10	7.96	100	0.30	850
MFI-322522C-1R5	1.5	M	10	7.96	80	0.30	700
MFI-322522C-2R2	2.2	M	10	7.96	68	0.30	600
MFI-322522C-3R3	3.3	K,M	10	7.96	54	0.35	500
MFI-322522C-4R7	4.7	K,M	15	7.96	46	0.45	430
MFI-322522C-6R8	6.8	K,M	15	7.96	38	0.50	360
MFI-322522C-100	10	K	15	2.52	30	0.80	300
MFI-322522C-150	15	K	15	2.52	26	1.6	250
MFI-322522C-220	22	K	15	2.52	21	2.2	210
MFI-322522C-330	33	K	15	2.52	17	2.8	170
MFI-322522C-470	47	K	15	2.52	14	3.2	150
MFI-322522C-560	56	K	15	2.52	13	5.0	120
MFI-322522C-680	68	K	15	2.52	12	5.0	120
MFI-322522C-820	82	K	15	2.52	10	7.0	110
MFI-322522C-101	100	K	15	0.796	10	7.5	100
MFI-322522C-151	150	K	20	0.796	7	11	85
MFI-322522C-221	220	K	20	0.796	6	14	70
MFI-322522C-331	330	K	20	0.796	5	21	60

1. Please specify the inductance tolerance, J($\pm 5\%$),K($\pm 10\%$),M($\pm 20\%$)

2. IDC:Based on inductance change($\Delta L/L_0 \leq -10\%$) and Based on temperature rise($\Delta T:20^\circ\text{C Typ.}$)