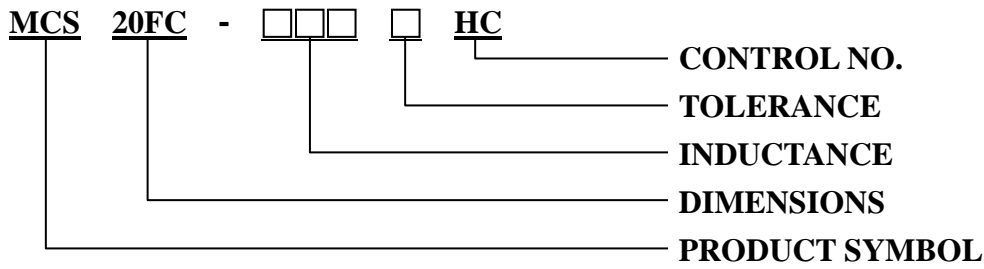


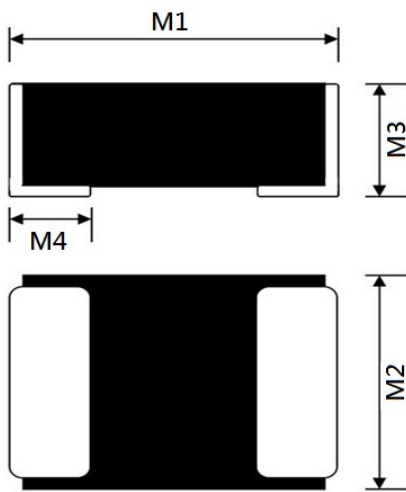
# SPECIFICATION FOR APPROVAL

※This is a RoHS and REACH compliant product whose related documents are available on request.  
 ※Graphic is only for dimensionally application.

## 1. PART NUMBERING IDENTIFICATION



## 2. MECHANICAL DIMENSION



UNIT: mm

	DIM.	TOL.
M1	2.0	±0.2
M2	1.6	±0.2
M3	1.0	MAX.
M4	0.5	±0.3

## 3. ELECTRICAL SPECIFICATION

Part number	Inductance (uH)	DC Resistance (mΩ)	DC Resistance (mΩ)	Irms (A)	Irms (A)	I sat (A)	I sat (A)
	±20%	Typical	MAX.	Typical	MAX.	Typical	MAX.
MCS20FC-R33MHC	0.33	21	26	4.7	4.0	6.7	6.1
MCS20FC-R47MHC	0.47	23	30	4.5	4.05	6.1	5.3
MCS20FC-1R0MHC	1.0	48	60	3.2	3.0	3.9	3.3
MCS20FC-1R5MHC	1.5	86	99	2.4	2.2	3.4	3.1
MCS20FC-2R2MHC	2.2	117	140	2.2	2.0	2.6	2.45

NOTE:

1. Test Freq.: 1MHz, 1V
2. All test referenced to 26°C ambient.
3. Operating Temperature range: -40°C to +125°C
4. Storage Temperature range: -50°C to +125°C
5. Isat means that DC current will cause a 30% inductance reduction from initial value.
6. Irms means that DC current will cause coil temp. rising to 40°C whichever is smaller.

# SPECIFICATION FOR APPROVAL

## 4. ELECTRICAL CURVE

