

**特點：**

1. 集成无机材料基质
2. 防电磁干扰
3. 适用范围广
4. 高可焊性和热敏性
5. 高可靠性
6. 滤波频率广
7. 适用于SMT加工

**FEATURES**

1. Monolithic inorganic material construction
2. Closed magnetic circuit avoids crosstalk
3. Available in various sizes
4. Excellent solderability and heat resistance
5. High reliability
6. Effectively filtering capability over a wide range of frequency
7. SMT type & suitable for reflow and wave soldering

**產品型號代號 ORDERING CODE**

例 Ex. :

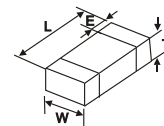
$\frac{MCB}{①}$      $\frac{1005}{②}$      $\frac{S}{③}$      $\frac{121}{④}$      $\frac{A}{⑥}$      $\frac{A}{⑦}$

**① 類別碼 TYPE CODE**

**② 外形與尺寸碼 FIGURE AND DIMENSIONS CODE(MM)**

尺寸 Size(EIA)	1005 (0402)	1608 (0603)	2012 (0805)	3216 (1206)	3225 (1210)	4516 (1806)	4532 (1812)
L	1.00±0.10	1.60±0.15	2.00±0.20	3.20±0.20	3.20±0.20	4.50±0.25	4.50±0.25
W	0.50±0.10	0.80±0.15	1.25±0.20	1.60±0.20	1.60±0.20	1.60±0.20	3.20±0.20
T	0.50±0.10	0.80±0.15	0.90±0.20	1.10±0.20	1.30±0.20	1.60±0.20	1.50±0.20
E	0.25±0.10	0.30±0.20	0.50±0.30	0.50±0.30	0.50±0.30	0.60±0.40	0.60±0.40

Unit:mm  
(means EIA size spec)



**③ 技術條件碼 TECHNICAL REQUIREMENTS**

S=Standard H=for High Speed U=for Ultra High Speed

**④ 阻抗代碼 IMPEDANCE CODE**

阻抗 Impedance: 121Ω ±25%

**⑤ 額定電流碼 RATED CURRENT CODE**

額定電流 Rate Current:A=50mA, B=80mA, C=100mA, D=150mA, E=200mA, F=300mA, H=500mA, I=600mA, J=700mA,  
K=800mA, N=1000mA, O=1500mA, P=2000mA, Q=2500mA, R=3000mA, S=4000mA, T=5000mA, U=6000mA

**⑥ 補充碼 GREEN PARTS CODE**

A—可焊端 Soldering Lead Free, B—非可焊端 Parts Lead Free,

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特性参数 CHRRACTERISTICS

型號 Part NO.	阻抗 Impedance +/-25%(Ω)	頻率 @Freq. (Mhz)	最大阻值 DCR max(Ω)	額定電流 Rated Current(mA)	型號 Part NO.	阻抗 Impedance +/-25%(Ω)	頻率 @Freq. (Mhz)	最大阻值 DCR max(Ω)	額定電流 Rated Current(mA)
1005(EIA0402)					2012(EIA0805)				
MCB1005 S200F-	20	100	0.20	300	MCB2012 S181H-	180	100	0.20	500
MCB1005 S300F-	30	100	0.25	300	MCB2012 S221H-	220	100	0.20	500
MCB1005 S400F-	40	100	0.30	300	MCB2012 S301H-	300	100	0.20	500
MCB1005 S600F-	60	100	0.35	300	MCB2012 S401H-	400	100	0.30	500
MCB1005 S700F-	70	100	0.35	300	MCB2012 S601H-	600	100	0.30	500
MCB1005 S121F-	120	100	0.40	300	MCB2012 S701H-	700	100	0.35	300
MCB1005 S241E-	240	100	0.70	200	MCB2012 S102F-	1000	100	0.35	300
MCB1005 S301E-	300	100	0.80	200	MCB2012 S152E-	1500	100	0.40	200
MCB1005 S601E-	600	100	1.00	200	MCB2012 S202E-	2000	100	0.50	200
1608(EIA0603)					1608(EIA1206)				
MCB1608.5 S100I-	10	100	0.05	600	MCB3216 S190I-	19	100	0.05	600
MCB1608.5 S220I-	22	100	0.05	600	MCB3216 S260I-	26	100	0.05	600
MCB1608.5 S300I-	30	100	0.08	600	MCB3216 S310I-	31	100	0.05	600
MCB1608.5 S400I-	40	100	0.10	600	MCB3216 S500I-	50	100	0.08	600
MCB1608.5 S600I-	60	100	0.10	600	MCB3216 S700I-	70	100	0.10	600
MCB1608.5 S680I-	68	100	0.10	600	MCB3216 S900H-	90	100	0.15	500
MCB1608.5 S700I-	70	100	0.10	600	MCB3216 S121H-	120	100	0.15	500
MCB1608.5 S800G-	80	100	0.10	400	MCB3216 S151H-	150	100	0.15	500
MCB1608.5 S101G-	100	100	0.15	400	MCB3216 S201H-	200	100	0.20	500
MCB1608.5 S121G-	120	100	0.15	400	MCB3216 S221H-	220	100	0.20	500
MCB1608.5 S181F-	180	100	0.30	300	MCB3216 S301H-	300	100	0.20	500
MCB1608.5 S221F-	220	100	0.30	300	MCB3216 S601H-	600	100	0.30	500
MCB1608.5 S301F-	300	100	0.35	300	MCB3216 S801E-	800	100	0.30	200
MCB1608.5 S451F-	450	100	0.40	300	MCB3216 S102E-	1000	100	0.40	200
MCB1608.5 S471E-	470	100	0.40	200	MCB3216 S122E-	1200	100	0.40	200
MCB1608.5 S601E-	600	100	0.45	200	MCB3216 S152E-	1500	50	0.50	200
MCB1608.5 S751C-	750	100	0.60	100	MCB3216 S202E-	2000	30	0.50	200
MCB1608.5 S102C-	1000	100	0.60	100	3225(EIA1210)				
2012(EIA0805)					MCB3225 S310G-	31	100	0.30	400
MCB2012 S070I-	7	100	0.05	600	MCB3225 S600G-	60	100	0.30	400
MCB2012 S110I-	11	100	0.05	600	MCB3225 S900G-	90	100	0.30	400
MCB2012 S170I-	17	100	0.05	600	4516(EIA1806)				
MCB2012 S260I-	26	100	0.05	600	MCB4516 S680H-	68	100	0.10	500
MCB2012 S320I-	32	100	0.05	600	MCB4516 S800G-	80	100	0.10	400
MCB2012 S400I-	40	100	0.05	600	MCB4516 S101F-	100	100	0.20	300
MCB2012 S600I-	60	100	0.15	600	MCB4516 S151E-	150	100	0.30	200
MCB2012 S800I-	80	100	0.15	600	4532(EIA1812)				
MCB2012 S900I-	90	100	0.15	600	MCB4532 S700E-	70	100	0.40	200
MCB2012 S121H-	120	100	0.15	500	MCB4532 S800E-	80	100	0.40	200
MCB2012 S151H-	150	100	0.15	500	MCB4532 S121E-	120	100	0.40	200

型號 Part NO.	阻抗 Impedance(Ω)+/-25%	測試頻率 Test Freq.(MHZ)	最大阻值 DCR(Ω)(max)	額定電流 Rated Current(mA)
1608(EIA0603)				
MCB1608H200H-	20	100	0.25	500
MCB1608 H600H-	60	100	0.25	500
MCB1608 H800G-	80	100	0.35	400
MCB1608 H121E-	120	100	0.45	200
MCB1608 H241E-	240	100	0.45	200
MCB1608 H301E-	300	100	0.45	200
MCB1608 H601E-	600	100	0.50	200
MCB1608 U200H-	20	100	0.25	500
MCB1608 U750F-	75	100	0.35	300
MCB1608 U121E-	120	100	0.45	200
MCB1608 U241E-	240	100	0.65	200
2012(EIA0805)				
MCB2012 H101E-	100	100	0.25	200
MCB2012 H121E-	120	100	0.25	200
MCB2012 H151E-	150	100	0.25	200
MCB2012 S221E-	220	100	0.25	200
MCB2012 S301E-	300	100	0.25	200
MCB2012 S471E-	140	100	0.35	200
MCB2012 S601E-	600	100	0.35	200
3216(EIA1206)				
MCB3216 H121E-	120	100	0.20	200
MCB3216 H151E-	150	100	0.25	200
MCB3216 H301E-	300	100	0.30	200
MCB3216 S601E-	600	100	0.45	200

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特性参数 CHARACTERISTICS

型號 Part NO.	阻抗 Impedance(Ω)±/-25%	測試頻率 Test Freq.(MHz)	最大阻值 DCR(Ω) (max)	額定電流 Rated Current(mA)
1608(EIA0603)				
MFC1608S300Q-	30	100	0.040	3000
MFC1608S600Q-	60	100	0.040	3000
MFC1608S800Q-	80	100	0.040	3000
MFC1608S121P-	120	100	0.070	2500
MFC1608S221N-	220	100	0.090	2000
MFC1608S301N-	300	100	0.090	2000
MFC1608S451M-	450	100	0.150	1500
MFC1608S601L-	600	100	0.200	1000
2012(EIA0805)				
MFC2012S110W-	11	100	0.015	6000
MFC2012S310W-	31	100	0.015	6000
MFC2012S400R-	40	100	0.030	4000
MFC2012S600Q-	60	100	0.040	3000
MFC2012S800U-	80	100	0.020	5000
MFC2012S900U-	90	100	0.020	5000
MFC2012S121U-	120	100	0.020	5000
MFC2012S221Q-	220	100	0.040	3000
MFC2012S251Q-	250	100	0.040	3000
MFC2012S301N-	300	100	0.090	2000
MFC2012S331N-	330	100	0.090	2000
MFC2012S601N-	600	100	0.090	2000
3216(EIA1206)				
MFC3216S500W-	50	100	0.015	6000
MFC3216S600Q-	60	100	0.040	3000
MFC3216S750Q-	75	100	0.040	3000
MFC3216S800R-	80	100	0.030	4000
MFC3216S900Q-	90	100	0.040	3000
MFC3216S121W-	120	100	0.015	6000
MFC3216S151N-	150	100	0.090	2000
MFC3216S501P-	500	100	0.070	2500
MFC3216S601P-	600	100	0.070	2500
MFC3216S122L-	1200	100	0.200	1000
3225(EIA1210)				
MFC3225S600M-	60		0.150	1500
MFC3225S102N-	1000		0.090	2000
4516(EIA1806)				
MFC4516S600W-	60	100	0.015	6000
MFC4516S800W-	80	100	0.015	6000
MFC4516S471N-	470	100	0.090	2000
MFC4516S851M-	850	100	0.015	1500
4532(EIA1812)				
MFC4532S800W-	80	100	0.015	6000
MFC4532S121W-	120	100	0.015	6000
MFC4532S151W-	150	100	0.015	6000
MFC4532S601Q-	600	50	0.040	3000
MFC4532S681Q-	680	50	0.040	3000
MFC4532S132Q-	1300	60	0.040	3000

主要性能参数 GENERAL TECHNICAL DATA

Operating Temperature Range	-55°C~+125°C
Storage Temperature	-40°C~+85°C, 70%R H Max
Soldering Method	Reflow or Wave Soldering

包装及规格 TAPE AND REEL PACKAGE

尺寸 Size(EIA)	1005 (0402)	1608 (0603)	2012 (0805)	3216 (1206)	3225 (1210)	4516 (1806)	4532 (1812)
Standard Packing QTY (PCS/Reel) 標準包裝數量	10,000	4,000	4,000	3/4,000	2,000	2,000	1,000