



SMD Common Mode Choke - HMCC Series

FEATURES

- * RoHS Compliant
- * Miniature SMD type common mode filter for fully automated assembly
- * Wide impedance range (30Ω ~ 2200Ω) for noise suppression
- * Excellent solderability



ORDERING CODE(标志示例)

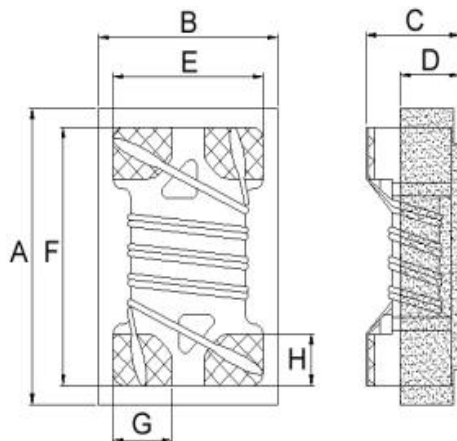
HMCC □□□ - □□□ □

(1) (2) (3) (4)

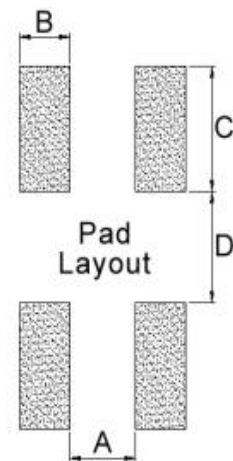
- (1) HMCC 向华料号 Part Number
- (2) 尺寸 Dimensions
- (3) 电感量 Inductance
- (4) 电感量公差 Inductance Tolerance

Shape and Dimensions

HMCC0805



Recommended Pattern



Dimensions in mm

TYPE	A	B	C	D	E	F	G	H
HMCC0805	2.29 ⁺⁰	1.52 ⁺⁰	1.20 ⁺⁰	0.50	1.27	2.03	0.50	0.40

TYPE	A	B	C	D
HMCC0805	0.50	0.38	0.90	0.80



SMD Common Mode Choke - HMCC0805 Series

HMCC0805 series Electrical Characteristics

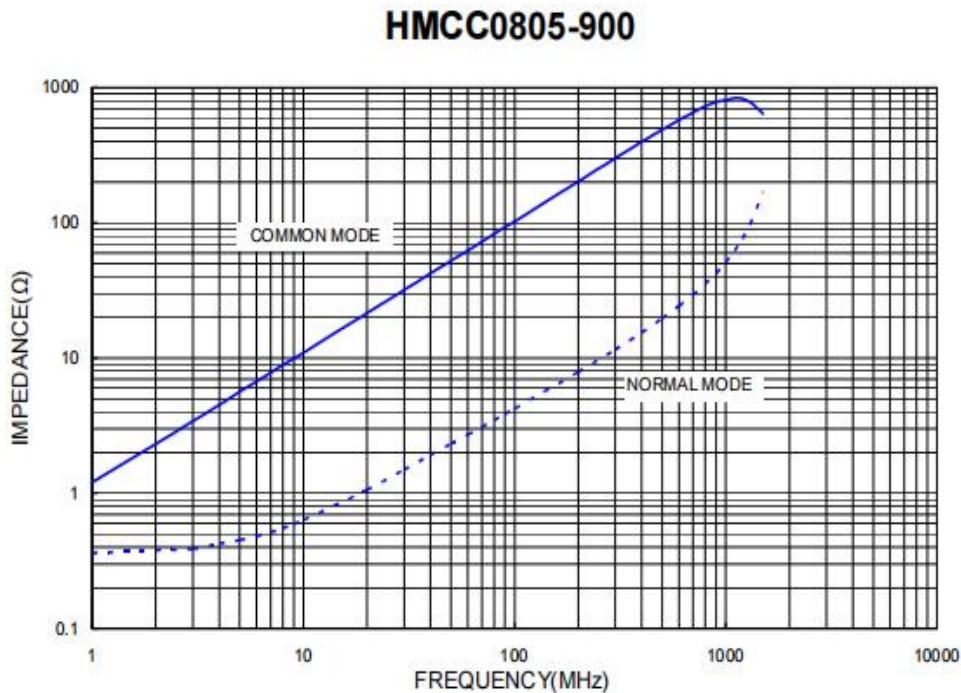
Part No.	Impedance (Ω)	Tolerance ($\pm\%$)	Test Freq. (MHz)	RDC (Ω)Max	IDC (mA)Max	Rated Voltage (Vdc)	Withstand Voltage (Vdc)	Insulation Resistance (M Ω)Min
HMCC0805T-300M	30	20	100	0.20	1300	50	125	10
HMCC0805T-420M	42	20	100	0.20	1300	50	125	10
HMCC0805T-670M	67	20	100	0.25	1200	50	125	10
HMCC0805T-900M	90	20	100	0.27	1000	50	125	10
HMCC0805T-121M	120	20	100	0.30	900	50	125	10
HMCC0805T-181M	180	20	100	0.40	700	50	125	10
HMCC0805T-261M	260	20	100	0.60	700	50	125	10

Note: When ordering, please specify tolerance code. Tolerance: M= $\pm 20\%$

- Operating temperature range $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ (Including self - temperature rise)
- IDC for Inductance drop 10% from its value without current

Test Instruments: Agilent E4991A Impedance / Material Analyzer

Typical Impedance vs. Frequency



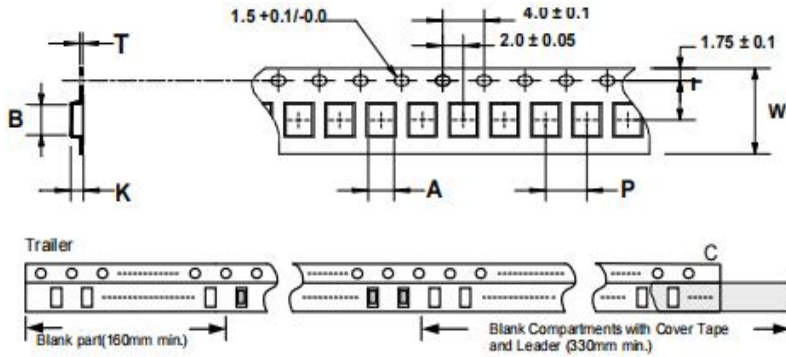
Please be sure to request approval specifications that provide further details of the products. Kindly note that the content of these specifications are subject to change or may be discontinued without advance notice. Please contact our sales department before ordering.



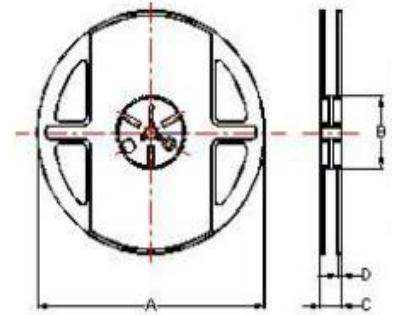
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Packaging Specifications

Tape Dimensions



Reel Dimensions



Dimensions in mm

TYPE	Tape Dimensions							Reel Dimensions				Quantity PCS/REEL
	A	B	T	W	P	F	K	A	B	C	D	
HMCC0805	1.60	2.42	0.26	8.0	4.0	3.5	1.14	178	60	12	1.5	2000