

SPECIFICATION OF WCM-□□□□SRFSO SERIES

FEATURES

1. Low DCR, high rated current and excellent impedance characteristics.
2. Magnetically shielded.
3. Excellent common mode EMI noise suppression.
4. Virtually no distortion of signals.



APPLICATIONS

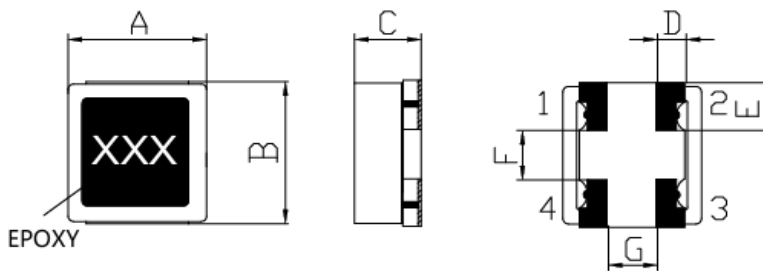
1. EMI suppression for power line , AC/DC adaptor, larger electronic equipment, personal computers, peripherals, IoT etc.



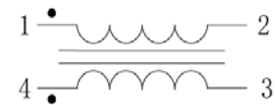
ORDERING CODE

WCM - 5025 SRFSO - 501 T
 (1) (2) (3) (4) (5)

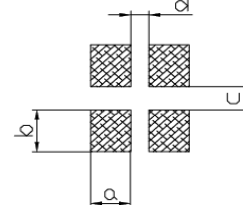
- (1) PRODUCT TYPE CODE
- (2) PRODUCT SIZE CODE
- (3) DESIGN CODE
- (4) IMPEDANCE
- (5) REEL TAPING



ELECTRICAL SCHEMATIC



PAD LAYOUT



SHAPE & DIMENSIONS

UNIT:mm

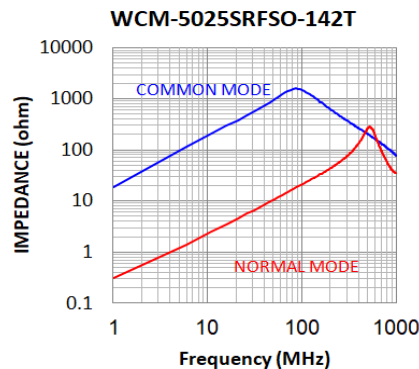
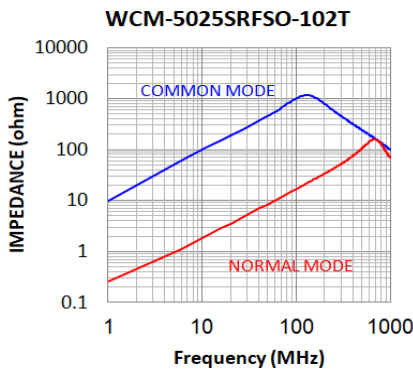
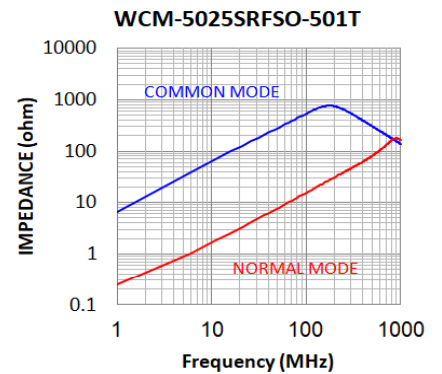
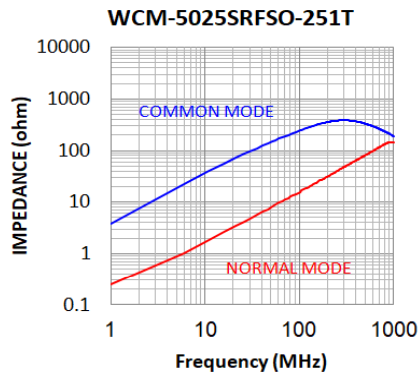
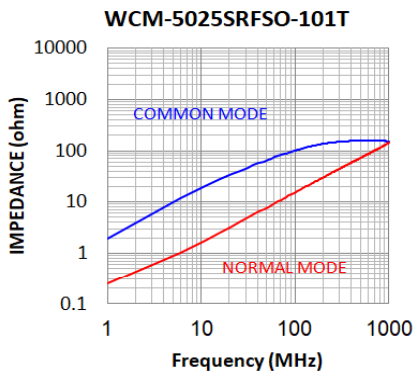
SIZE CODE	A ±0.30	B ±0.30	C max.	D Ref.	E Ref.	F Ref.	G Ref.	a	b	c	d
WCM-5025SRFSO	4.80	5.00	2.50	1.25	1.70	1.60	1.00	1.80	2.40	1.20	0.80
WCM-5040SRFSO	4.80	5.00	4.50	1.15	1.50	2.00	1.00	1.60	2.30	1.00	0.80

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

COMMON MODE CHOKE → WCM-5025SRFSO SERIES

ELECTRICAL CHARACTERISTIC

ORDERING CODE	Impedance (Ω)Typ 100MHz	DC Resistance (Ω) $\pm 40\%$	IDC (A) Typ.	Rated Voltage (V) max.	Withstand Voltage (V) max.	Insulation Resistance (M Ω) min.
WCM-5025SRFSO-101T	100	0.009	6.5	50	125	10
WCM-5025SRFSO-251T	250	0.014	5.0	50	125	10
WCM-5025SRFSO-501T	500	0.019	4.0	50	125	10
WCM-5025SRFSO-102T	1000	0.024	2.0	50	125	10
WCM-5025SRFSO-142T	1400	0.040	1.5	50	125	10



※IDC: Based on Temperature increase 40°C Typ.

※Operating temperature range : -40 to +125°C

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