

EMC Components

ZCYS Series

Common Mode Choke Coils for Signal Line SMD

ELECTRICAL CHARACTERISTICS

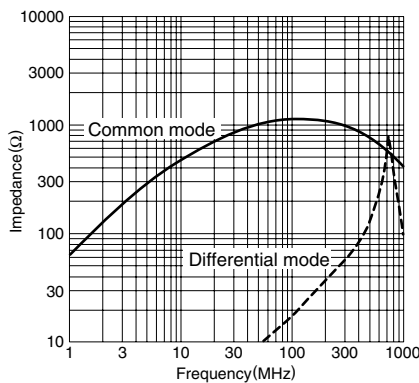
Part No.	ZCYS51R5-2PAT	ZCYS51R5-M3PAT/ -M3PA7T	ZCYS51R5-M4PAT	ZCYS51R5-M6PT	ZCYS51R5-M8PT
Rated voltage Edc(V)	50	50	50	50	50
Rated current (A)	0.5	0.5	0.5	0.5	0.5
Test voltage Edc(V) [Between terminals for 5s]	125	125	125	125	125
Insulation resistance (MΩ) [Between terminals at DC.50V for 1min]	100min.	100min.	100min.	100min.	100min.
DC resistance (Ω) [each line]	0.3max.	0.3max./0.15max.	0.2max.	0.25max.	0.3max.
Operating temperature range(°C)	-25 to +85	-25 to +85	-25 to +85	-25 to +85	-25 to +85
Impedance (Ω) [+5 to +35°C]	400min. [50 to 300MHz]	400min.[50 to 300MHz]/ 100min.[100 to 500MHz]	200min. [100 to 500MHz]	200min. [50 to 300MHz]	100min. [100 to 300MHz]

TYPICAL ELECTRICAL CHARACTERISTICS

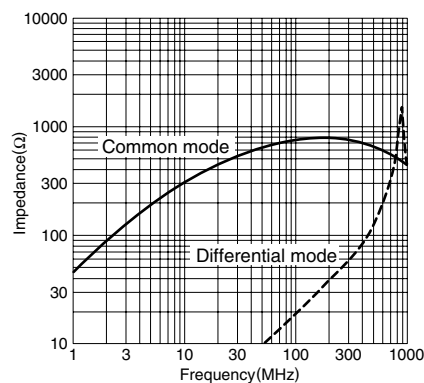
IMPEDANCE vs. FREQUENCY CHARACTERISTICS

(for 1 element)

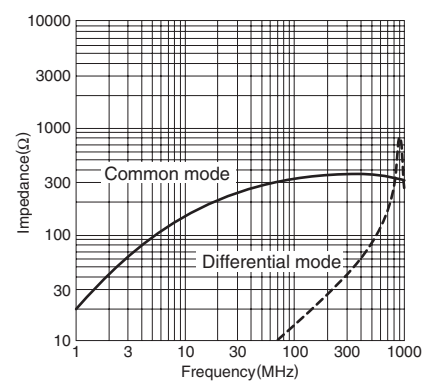
ZCYS51R5-2PAT



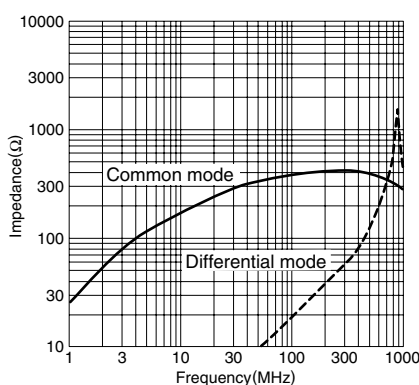
ZCYS51R5-M3PAT



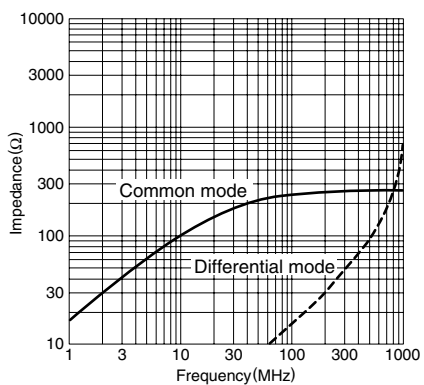
ZCYS51R5-M4PAT



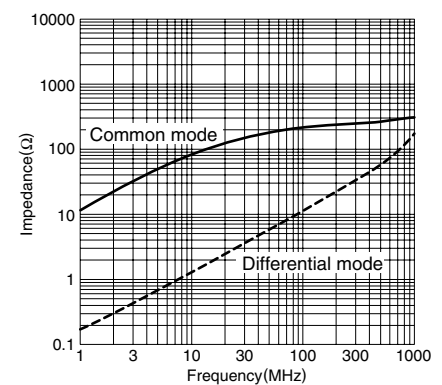
ZCYS51R5-M6PT



ZCYS51R5-M8PT



ZCYS51R5-M3PA7T



PACKAGING STYLE AND QUANTITIES

Packaging style	Part No.	Quantity
Taping	ZCYS51R5-2PAT	3000 pieces/reel
	ZCYS51R5-M3PA(7)T	3000 pieces/reel
	ZCYS51R5-M4PAT	3000 pieces/reel
	ZCYS51R5-M6PT	2000 pieces/reel
	ZCYS51R5-M8PT	2000 pieces/reel