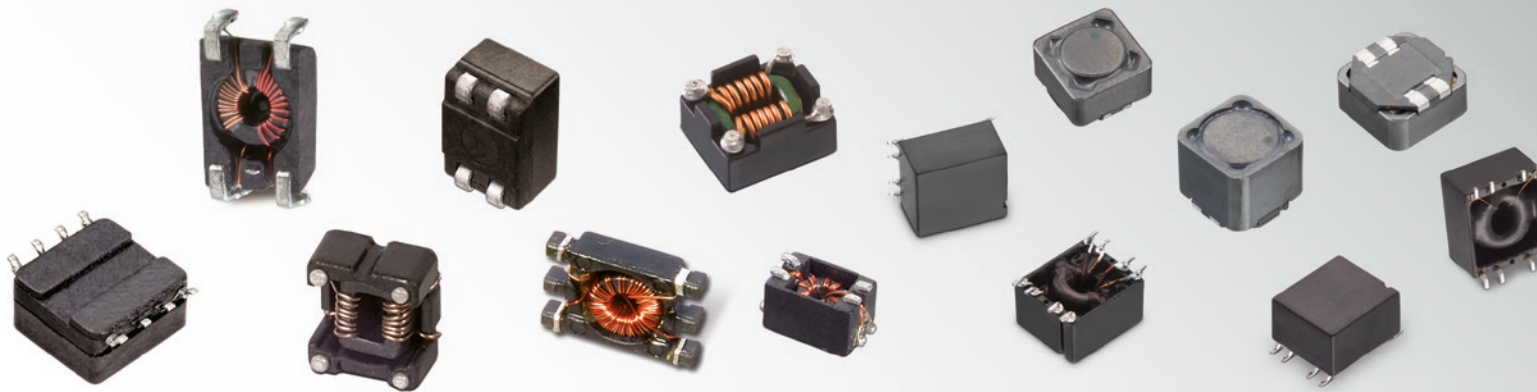


DESIGN KIT

SMD Common Mode Filters for Data Lines



SIZE:

WE-SLM, WE-SL3, WE-SL5, WE-SL1, WE-SL2,
WE-SL, WE-SCC, WE-UCF, WE-SL5HC

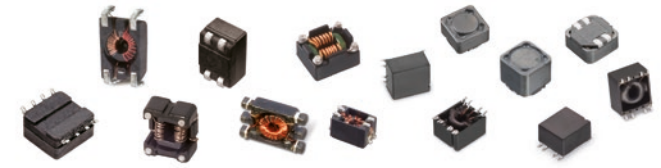
TECHNICAL DATA:

L: 1 ~ 100000 μ H
 Z max.: 100 ~ 600000 Ω
 I_{R^2} : 150 ~ 10000 mA
 R_{DC} : 0.0027 ~ 8.5 Ω

Order Code 744 725

Version 2.0

SMD Common Mode Chokes for USB, CAN, Firewire, Data Lines and Power Lines



WE-SLM			WE-SL3		
744 242 110	744 242 510	744 242 471	744 252 220	744 252 510	744 253 200
L: 2 x 11 μ H	L: 2 x 51 μ H	L: 2 x 470 μ H	L: 2 x 22 μ H	L: 2 x 51 μ H	L: 3 x 20 μ H
Z max.: 800 Ω	Z max.: 2500 Ω	Z max.: 2200 Ω	Z max.: 1600 Ω	Z max.: 3300 Ω	Z max.: 1250 Ω
I _R : 300 mA	I _R : 300 mA	I _R : 400 mA	I _R : 700 mA	I _R : 500 mA	I _R : 500 mA
R _{DC} : 0.18 Ω	R _{DC} : 0.32 Ω	R _{DC} : 0.70 Ω	R _{DC} : 0.14 Ω	R _{DC} : 0.25 Ω	R _{DC} : 0.16 Ω
744 253 101					
L: 3 x 100 μ H					
Z max.: 5000 Ω					
I _R : 450 mA					
R _{DC} : 0.45 Ω					
WE-SL5			WE-SL1		
744 272 121	744 272 251	744 272 102	744 272 472	744 212 100	744 212 820
L: 2 x 120 μ H	L: 2 x 250 μ H	L: 2 x 1000 μ H	L: 2 x 4700 μ H	L: 2 x 10 μ H	L: 2 x 82 μ H
Z max.: 460 Ω	Z max.: 970 Ω	Z max.: 3600 Ω	Z max.: 13000 Ω	Z max.: 1200 Ω	Z max.: 440 Ω
I _R : 2500 mA	I _R : 2000 mA	I _R : 950 mA	I _R : 350 mA	I _R : 300 mA	I _R : 300 mA
R _{DC} : 0.025 Ω	R _{DC} : 0.035 Ω	R _{DC} : 0.180 Ω	R _{DC} : 0.720 Ω	R _{DC} : 0.24 Ω	R _{DC} : 0.20 Ω
744 212 331					
L: 2 x 330 μ H					
Z max.: 2000 Ω					
I _R : 300 mA					
R _{DC} : 0.30 Ω					
WE-SL2					
744 226	744 226 S	744 227	744 227 S	744 224	744 222
L: 2 x 10 μ H	L: 2 x 10 μ H	L: 2 x 51 μ H	L: 2 x 51 μ H	L: 2 x 250 μ H	L: 2 x 1000 μ H
Z max.: 920 Ω	Z max.: 920 Ω	Z max.: 5500 Ω	Z max.: 5500 Ω	Z max.: 1800 Ω	Z max.: 6000 Ω
I _R : 1600 mA	I _R : 1600 mA	I _R : 1000 mA	I _R : 1000 mA	I _R : 1200 mA	I _R : 800 mA
R _{DC} : 0.08 Ω	R _{DC} : 0.08 Ω	R _{DC} : 0.16 Ω	R _{DC} : 0.16 Ω	R _{DC} : 0.13 Ω	R _{DC} : 0.31 Ω
744 229					
L: 2 x 6500 μ H					
Z max.: 18400 Ω					
I _R : 400 mA					
R _{DC} : 0.95 Ω					
WE-SL			WE-SCC		
744 206	744 205	744 201	744 281 100	744 281 471	744 282 010
L: 2 x 60 μ H	L: 4 x 100 μ H	L: 4 x 4700 μ H	L: 2 x 10 μ H	L: 2 x 470 μ H	L: 2 x 1 μ H
Z max.: 1600 Ω	Z max.: 900 Ω	Z max.: 14000 Ω	Z max.: 10000 Ω	Z max.: 100000 Ω	Z max.: 1600 Ω
I _R : 2000 mA	I _R : 700 mA	I _R : 200 mA	I _R : 1100 mA	I _R : 150 mA	I _R : 4750 mA
R _{DC} : 0.065 Ω	R _{DC} : 0.10 Ω	R _{DC} : 0.85 Ω	R _{DC} : 0.12 Ω	R _{DC} : 4.3 Ω	R _{DC} : 0.01 Ω
744 282 102					
L: 2 x 1000 μ H					
Z max.: 160000 Ω					
I _R : 250 mA					
R _{DC} : 2.8 Ω					
WE-UCF			WE-SL5HC		
744 290 130	744 290 321	744 290 152	744 290 103	744 290 104	744 273 501
L: 2 x 13 μ H	L: 2 x 320 μ H	L: 2 x 1500 μ H	L: 2 x 10000 μ H	L: 2 x 100000 μ H	L: 2 x 5 μ H
Z max.: 100 Ω	Z max.: 3000 Ω	Z max.: 10000 Ω	Z max.: 100000 Ω	Z max.: 600000 Ω	Z max.: 500 Ω
I _R : 10000 mA	I _R : 3250 mA	I _R : 1500 mA	I _R : 500 mA	I _R : 150 mA	I _R : 5000 mA
R _{DC} : 0.0027 m Ω	R _{DC} : 0.29 m Ω	R _{DC} : 0.12 m Ω	R _{DC} : 0.92 m Ω	R _{DC} : 8.5 m Ω	R _{DC} : 0.0055 m Ω
744 273 222					
L: 2 x 30 μ H					
Z max.: 1200 Ω					
I _R : 1400 mA					
R _{DC} : 0.060 m Ω					

EMC COMPONENTS | INDUCTORS | TRANSFORMERS | RF COMPONENTS | CIRCUIT PROTECTION | EMC SHIELDING MATERIAL | CONNECTORS | SWITCHES | ASSEMBLY TECHNIQUE | POWER ELEMENTS

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