

WURTH ELECTRONICS Inductors and Coils



RoHS compliant This product is RoHS compliant.

SMD COMMON MODE CHOKES FOR SIGNAL LINES WE-SL2

- Features:**
- For distortion-free removal of noise from transmitted electrical signals
 - Double current-compensated choke
 - Offering a wide bandwidth with the core materials NiZn / MnZn
 - Ambient temperature: -40°C to +85°C
 - Nominal voltage: 80 VDC (42V AC)
 - UL compliant housing

- Applications:**
- Current compensated choke for data and signal lines
 - Power supply systems
 - Filter for measurement signals

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Inductance (uH)	Tol. (%)	RDC (Ω)	IDC (mA)	Impedance max (Ω)	Price Each			Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.							1	25	100		
710-744226		A	2 x 10	30	0.08	1.6	920	2.33	2.16	2.04	1000	1.76
710-744226S		A	2 x 10	30	0.08	1.6	920	2.33	2.16	2.04	1000	1.76
710-744228		A	2 x 25	30	0.12	1.0	2800	2.33	2.16	2.04	1000	1.76
710-744228S		A	2 x 25	30	0.12	1.0	2800	2.33	2.16	2.04	1000	1.76
710-744225		A	2 x 40	30	0.25	0.9	3100	2.33	2.16	2.04	1000	1.76
710-744225S		A	2 x 40	30	0.25	0.9	3100	2.33	2.16	2.04	1000	1.76
710-744227		A	2 x 51	30	0.16	1.0	5500	2.33	2.16	2.04	1000	1.76
710-744227S		A	2 x 51	30	0.16	1.0	5500	2.33	2.16	2.04	1000	1.76
710-744224		A	2 x 250	50	0.13	1.2	1800	2.33	2.16	2.04	1000	1.76
710-744223		A	2 x 500	50	0.15	1.0	3300	2.33	2.16	2.04	1000	1.76
710-744222		A	2 x 1000	50	0.31	0.8	6000	2.33	2.16	2.04	1000	1.76
710-744221		A	2 x 2000	50	0.42	0.6	9200	2.33	2.16	2.04	1000	1.76
710-744220		A	2 x 4700	50	0.75	0.5	20000	2.33	2.16	2.04	1000	1.76
710-744229		A	2 x 6500	50	0.95	0.4	18400	2.33	2.16	2.04	1000	1.76

SMD COMMON MODE LINE FILTERS WE-SL5

- Features:**
- Small size
 - Low profile
 - High impedance up to 13000 Ω
 - High current up to 2500 mA
 - Low stray/leakage inductance
 - UL compliant housing (UL 94-V0)
 - Rated voltage 60V

- Applications:**
- USB
 - CAN
 - Firewire
 - Data lines
 - Power lines

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Inductance (uH)	Tol. (%)	RDC (Ω)	IDC (mA)	Impedance max (Ω)	Price Each			Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.							1	25	100		
710-744272121		B	2 x 120	40	0.025	2500	460	3.08	2.54	2.37	800	2.37
710-744272221		B	2 x 220	40	0.032	2200	780	3.08	2.54	2.37	800	2.37
710-744272251		B	2 x 250	40	0.035	2000	970	3.08	2.54	2.37	800	2.37
710-744272471		B	2 x 470	40	0.065	1600	1750	3.08	2.54	2.37	800	2.37
710-744272102		B	2 x 1000	40	0.18	950	3600	3.08	2.54	2.37	800	2.37
710-744272222		B	2 x 2200	40	0.3	750	7500	3.08	2.54	2.37	800	2.37
710-744272332		B	2 x 3300	40	0.36	650	8900	3.08	2.54	2.47	800	2.47
710-744272392		B	2 x 3900	40	0.54	520	9600	3.08	2.54	2.37	800	2.37
710-744272472		B	2 x 4700	40	0.72	350	13000	3.08	2.54	2.37	800	2.37

SMD COMMON MODE LINE FILTERS WE-SLM

- Features:**
- Small size
 - High current up to 300 mA
 - Nominal voltage: 80V DC (42V AC)
 - Operating temperature: -40°C to +125°C
 - Recommended soldering profile: Reflow

- Applications:**
- USB
 - CAN
 - Firewire
 - Data lines
 - Filter for measurement signals
 - Power supplies

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Inductance (uH)	Tol. (%)	RDC (Ω)	IDC (mA)	Impedance max (Ω)	Price Each			Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.							1	25	100		
710-744242110		C	11	+50/-30	0.18	300	800	2.55	2.28	2.14	500	1.99
710-744242220		C	22	+50/-30	0.23	300	1500	2.55	2.28	2.14	500	1.99
710-744242330		C	33	+50/-30	0.27	300	2000	2.55	2.28	2.14	500	1.99
710-744242510		C	51	+50/-30	0.32	300	2500	2.55	2.28	2.14	500	1.99
710-744242101		C	100	+50/-30	0.58	300	4000	2.55	2.28	2.14	500	1.99
710-744242471		C	470	+50/-30	0.35	400	2200	2.55	2.28	2.14	500	1.99

DESIGN KITS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Würth Electronics Part No.	Description	Price Each
710-744728	744728	Assortment of SMD Power Chokes--Texas Instruments 5 different types, 35 values, and 176 components	137.00
710-744725	744725	Common mode chokes WE-CNSW and WE-SL/SL1/LS2/SL3/SI5 7 different types, 35 values, and 425 components	193.94
710-744062	744062	Assortment of SMD Inductors--WE-TPC, large size	137.00
710-744043	744043	Assortment of SMD Inductors--WE-TPC, medium size	137.00
710-744028	744028	Assortment of SMD Inductors--WE-TPC, small size	137.02

WE-WPC WIRELESS POWER CHARGING COILS

- Characteristics:**
- Qi standard compliant
 - Evaluated and approved from several IC-Manufacturers

- Applications:**
- Cell Phones/Smartphones
 - Headsets
 - Digital Cameras
 - Hand Held Devices



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Würth Electronics Part No.	Fig.	Inductance (uH)	Q	Rated Current (A)	Saturation Current (A)	DCR (Ω)	Price Each			
								1	25	50	100
710-760308101	760308101	D	24	90	5.5	10.0	0.07	18.44	17.56	16.72	15.92
710-760308201	760308201	E	10	50	4.5	8.0	0.16	14.75	14.05	13.38	12.74

