

WURTH ELECTRONICS Inductors

RoHS Compliant This product is RoHS compliant.



NEW TECHNOLOGY

WE-CMB NIZI COMMON MODE POWER LINE CHOKE

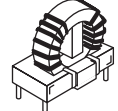
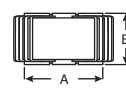
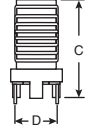
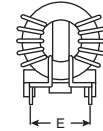
- Features:**
- Compact size
 - Noise suppression up to 300MHz
 - Operating temperature: -40°C + 125°C

- Applications:**
- Power electronics
 - Power line in and output filter
 - Optimized for burst signals



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Coil Ratio	L (μH)	I _R (A)	R _{DC} (mΩ)	U _T (VAC)	U _R (VAC)	Price Each		
Mfr.	Mfr. Part No.							1	25	100
Type XS										
710	744841414	2	14	4.0	15	1500	250	3.81	3.74	3.60
710	744841330	2	30	3.0	26	1500	250	3.81	3.74	3.60
710	744841247	2	47	2.0	40	1500	250	3.81	3.74	3.60
710	744841210	2	100	1.5	80	1500	250	3.81	3.74	3.60
Type S										
710	7448421016	2	16	10.0	2.7	1500	250	10.38	9.07	9.07
710	744842932	2	32	8.5	5.5	1500	250	9.31	7.94	7.94
710	744842742	2	42	6.5	8.1	1500	250	9.31	7.94	7.94
710	744842565	2	65	5.0	13	1500	250	9.31	7.94	7.94
710	744842311	2	110	3.0	31	1500	250	9.31	7.94	7.94



Size	A	B	C	D	E
Type XS	16.0	7.5	17.5	4.5	10.0
Type S	18.5	14.5	22.0	5.0	7.7

WE-CMB COMMON MODE POWER LINE CHOKE

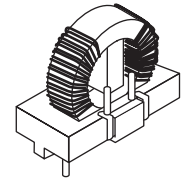
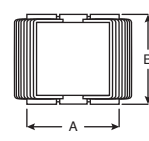
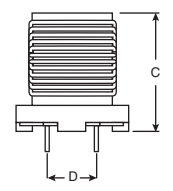
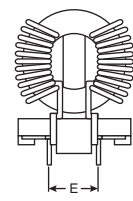
- Features:**
- Compact design
 - Highest possible current with small sizes
 - Operating temperature: -40°C + 125°C

- Applications:**
- Power electronics
 - Power line in and output filter
 - Radio interference suppression in motors



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Coil Ratio	L (mH)	I _R (A)	R _{DC} (mΩ)	U _T (VAC)	U _R (VAC)	Price Each		
Mfr.	Mfr. Part No.							1	25	100
Type XS										
710	744821201	2	1	2.0	44.5	1500	250	4.36	3.77	3.65
710	744821240	2	4	1.5	140	1500	250	4.36	3.77	3.65
710	744821110	2	10	0.7	350	1500	250	4.36	3.77	3.65
710	744821120	2	20	0.5	1000	1500	250	4.36	3.77	3.65
Type S										
710	744822301	2	1.0	3	35	1500	250	5.18	5.00	5.00
710	744822222	2	2.2	2.0	70	1500	250	5.18	5.00	5.00
710	744822233	2	3.3	1.5	120	1500	250	5.18	5.00	5.00
710	744822110	2	10	1.0	360	1500	250	5.18	5.00	5.00
710	744822120	2	20	0.5	540	1500	250	5.18	5.00	5.00
Type M										
710	744823601	2	1.0	6.0	13	1500	250	7.93	7.59	6.90
710	744823422	2	2.2	4.0	30	1500	250	7.93	7.59	6.90
710	744823333	2	3.3	2.5	60	1500	250	7.93	7.59	6.90
710	744823210	2	10	2.0	125	1500	250	7.93	7.59	6.90
710	744823220	2	20	1.5	270	1500	250	7.93	7.59	6.90
Type L										
710	744824101	2	1.0	10.0	7	1500	250	9.23	8.70	7.75
710	744824622	2	2.2	6.0	20	1500	250	9.23	8.70	7.75
710	744824433	2	3.3	4.0	35	1500	250	9.23	8.70	7.75
710	744824310	2	10	3.0	105	1500	250	9.23	8.70	7.75
710	744824220	2	20	2.0	220	1500	250	9.23	8.70	7.75
Type XL										
710	7448251201	2	1.0	12.0	9	1500	250	12.53	12.05	12.05
710	7448258022	2	2.2	8.0	14	1500	250	12.53	12.05	12.05
710	7448256033	2	3.3	6.0	25	1500	250	12.53	12.05	12.05
710	744825510	2	10	5.0	55	1500	250	12.53	12.05	12.05
710	744825320	2	20	3.0	160	1500	250	12.53	12.05	12.05



Size	A	B	C	D	E
Type XS	16.0	7.5	17.5	4.5	10.0
Type S	18.5	14.5	22.0	5.0	7.7
Type M	25.0	17.0	28.0	10.7	7.5
Type L	27.5	18.5	33.0	12.0	10.0
Type XL	30.0	22.0	35.0	15.0	25.0

WE-HCF SMD HIGH CURRENT INDUCTOR

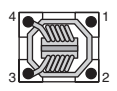
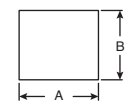
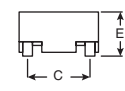
- Features:**
- Winding Style: Sectional
 - UL94-VO compliant housing
 - Operating temperature: -40°C + 125°C

- Applications:**
- Data lines
 - Power lines
 - Suppression for common mode noise



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Coil Ratio	L (μH)	Z (Ω)	I _R (mA)	R _{DC} (mΩ)	U _T (VAC)	U _R (VAC)	Price Each		
Mfr.	Mfr. Part No.								1	25	100
Type XS											
710	744273501	2	5	500	5000	0.0055	500	80	3.11	2.95	2.54
710	744273801	2	9	800	3500	0.011	500	80	3.11	2.95	2.54
710	744273102	2	11	1000	2500	0.030	500	80	3.11	2.95	2.54
710	744273222	2	30	2200	1400	0.060	500	80	3.11	2.95	2.54



Size	A	B	C	D	E	F
744273	9.5	8.3	5.3	6.3	7.5	1.2

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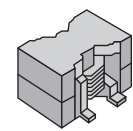
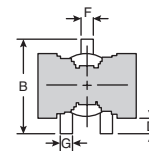
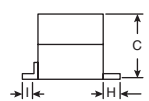
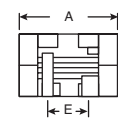
- Features:**
- Magnetically shielded
 - Current capability up to 32 A
 - Operating temperature: -40°C + 125°C

- Applications:**
- Storage inductor for high efficiency DC/DC converters
 - Single and polyphase buck converters
 - Filter for audio applications



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		L (μH)	I _R (A)	I _{sat} (A)	R _{DC} (mΩ)	Price Each		
Mfr.	Mfr. Part No.					1	25	100
Type XS								
710	7443630070	0.7	32.0	75.0	0.83	7.99	7.46	7.28
710	7443630140	1.4	31.5	60.0	1.08	7.99	7.46	7.28
710	7443630220	2.2	28.0	52.0	1.50	7.99	7.46	7.28
710	7443630310	3.1	26.0	45.0	2.09	7.99	7.46	7.28
710	7443630420	4.2	24.0	38.0	3.04	7.99	7.46	7.28
710	7443630550	5.5	22.0	33.0	4.00	7.99	7.46	7.28
710	7443630700	7.0	21.0	30.0	5.61	7.99	7.46	7.28
710	7443630860	8.6	17.0	25.0	7.16	7.99	7.46	7.28
710	7443631000	10	16.0	23.0	7.96	7.99	7.46	7.28
710	7443631500	15	14.0	21.0	8.70	7.99	7.46	7.28
710	7443632200	22	12.0	15.0	10.65	7.99	7.46	7.28
710	7443633300	33	12.0	11.0	11.4	7.99	7.46	7.28
710	7443634700	47	12.0	8.5	12.2	7.99	7.46	7.28



Size	A	B	C	D	E	F	G	H	I	Core Material
2013	21.5	21.0	14.0	3.5	9.0	2.5	2.5	3.0	2.0	MnZn

Inductors

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