

## MTSCMC1205 Series Common Mode Chokes - 1205 Size

Webpage



Sample kit



Buy Online



Support



Tools



### Features

- Temperature stability
- Excellent performance
- High Saturation current
- Wide inductance values
- Low voltage power supply applications
- Operating Temperature: -40 °C to +125 °C

### Product Image

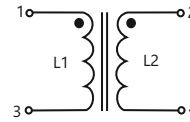
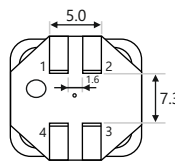
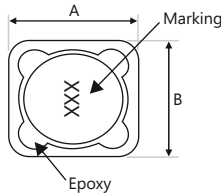


\*Displayed image is only for reference purpose, original product may vary.

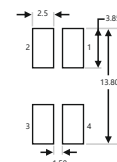
### Applications

- Fast charger
- Solar Inverters
- DC-DC Converters
- Power Supplies (SMPS)
- Battery Powered Equipments
- High density power converter

### Dimensions



Schematic



Land Pattern

A (mm)	B (mm)	C (mm)
12.0 ± 0.30	12.0 ± 0.30	6.50 max

### Electrical Specifications

Part No.	Inductance, L (µH)	RDC (Ω) Max	I <sub>sat</sub> (A)	I <sub>rms</sub> (A) (one windings)	I <sub>rms</sub> (A) (both windings)
MTSCMC12054R7	4.7±30%	0.036	10.3	4.47	3.16
MTSCMC12056R8	6.8±30%	0.048	9.21	3.88	2.75
MTSCMC12058R2	8.2±30%	0.052	8.55	3.72	2.63
MTSCMC1205100	10±20%	0.06	7.4	3.46	2.45
MTSCMC1205120	12±20%	0.074	6.86	3.12	2.21
MTSCMC1205150	15±20%	0.085	6.09	2.92	2.06
MTSCMC1205180	18±20%	0.097	5.3	2.73	1.93
MTSCMC1205220	22±20%	0.116	5.01	2.49	1.76
MTSCMC1205330	33±20%	0.134	4.22	2.32	1.64
MTSCMC1205390	39±20%	0.142	3.8	2.25	1.59
MTSCMC1205470	47±20%	0.174	3.25	2.03	1.44
MTSCMC1205560	56±20%	0.198	3.07	1.91	1.35
MTSCMC1205680	68±20%	0.216	2.83	1.83	1.29
MTSCMC1205820	82±20%	0.274	2.55	1.62	1.15
MTSCMC1205101	100±20%	0.322	2.2	1.5	1.06
MTSCMC1205121	120±20%	0.418	2.05	1.31	0.93
MTSCMC1205151	150±20%	0.476	1.82	1.23	0.87
MTSCMC1205181	180±20%	0.536	1.6	1.16	0.82
MTSCMC1205221	220±20%	0.691	1.51	1.02	0.72
MTSCMC1205331	330±20%	1.09	1.28	0.81	0.57
MTSCMC1205471	470±20%	1.59	1	0.67	0.48
MTSCMC1205561	560±20%	1.81	0.95	0.63	0.45
MTSCMC1205681	680±20%	2.06	0.88	0.59	0.42
MTSCMC1205821	820±20%	2.65	0.79	0.52	0.37
MTSCMC1205102	1000±20%	3.06	0.69	0.49	0.34

NOTE:

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