

## MTSMPI07030 Series High Current Inductors - 07030 Size

Webpage



Sample kit



Buy Online



Support



Tools



### Features

- High efficiency
- Low core losses
- Low loss realized with low Rdc
- Perfect for high current application
- Operating temperature: -40 °C to +125 °C

### Product Image

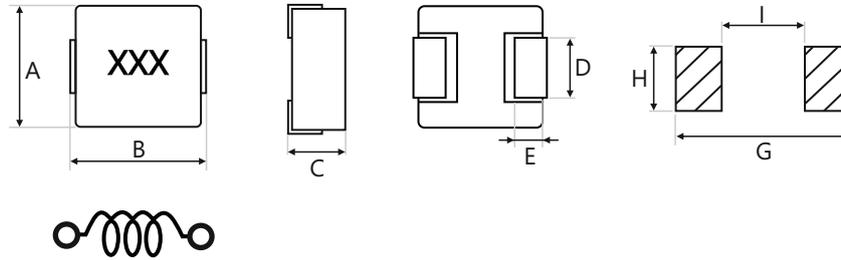


\*Displayed image is only for reference purpose, original product may vary.

### Applications

- Sepic converter
- High speed charger
- Power Supplies (SMPS)
- Battery Powered Equipments
- High density DC-DC converter

### Dimensions



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	G (mm)	H (mm)	I (mm)
6.8	7.3	3	3.00 ± 0.3	1.6	8.4	3.5	3.7

### Electrical Specifications

Part Number	Inductance L <sub>i</sub> (µH)	Tol.	DC Resistance (mΩ)		Isat (A)	Irms (A)
			Typ.	Max.		
MTSMPI07030R47	0.47	± 20%	3.5	4.1	20	18
MTSMPI07030R68	0.68	± 20%	4.8	5.3	17	16
MTSMPI070301R0	1	± 20%	6.7	7.4	15	12
MTSMPI070301R5	1.5	± 20%	10.6	12.1	14	12
MTSMPI070302R2	2.2	± 20%	13.5	15	10	9.5
MTSMPI070303R3	3.3	± 20%	18	22	9.5	8.5
MTSMPI070304R7	4.7	± 20%	28	33	6.5	6
MTSMPI070306R8	6.8	± 20%	42.5	48	6	5.5
MTSMPI070308R2	8.2	± 20%	60	64.9	6	5
MTSMPI07030100	10	± 20%	62	67	5.5	4.8
MTSMPI07030150	15	± 20%	98	122	5	3
MTSMPI07030220	22	± 20%	180	200	3	2.3
MTSMPI07030330	33	± 20%	250	270	2.5	2
MTSMPI07030470	47	± 20%	300	350	2	1.7

NOTE:

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