

MTHCSI2212 Series High Current Inductors - 2212 Size



Features

- Magnetically shielded
- High current & less loss
- Suitable for reflow soldering
- Low profile for machine placement
- Flat wire coil for low losses at high frequency
- Operating temperature: -40 °C to +150 °C

Product Image

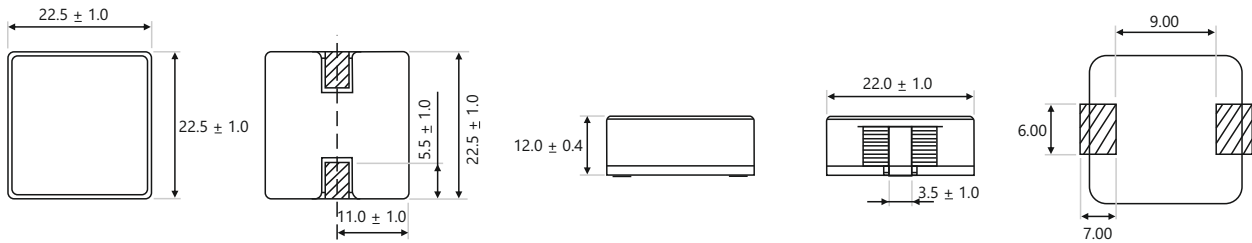


*Displayed image is only for reference purpose, original product may vary.

Applications

- MPPT Chargers
- Fast chargers
- DC-DC converter
- Power Supplies (SMPS)
- High current power lines
- Solar Charge Controllers

Dimensions



All Dimensions in mm

Electrical Specifications

Part Number	Inductance L (uH)	Tolerance	RDC (mΩ)	Isat (A)	Irms (A)
MTHCSI22123R3	3.3	±20%	1.87	45	29
MTHCSI22126R8	6.8	±20%	2.31	31	28.5
MTHCSI22128R2	8.2	±20%	2.97	30	25.5
MTHCSI2212100	10	±20%	3.74	26	21
MTHCSI2212120	12	±20%	4.73	25	19
MTHCSI2212220	22	±20%	7.7	18	15
MTHCSI2212330	33	±20%	14.52	15	11.5
MTHCSI2212470	47	±20%	21.12	12	9
MTHCSI2212680	68	±20%	30.03	9.5	7.5
MTHCSI2212820	82	±20%	33.44	8.5	7

NOTE:

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