

MTHCSI1350 Series High Current Inductors - 1350 Size

Webpage



Sample kit



Buy Online



Support



Tools



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: $-40\text{ }^{\circ}\text{C}$ to $+150\text{ }^{\circ}\text{C}$

Product Image

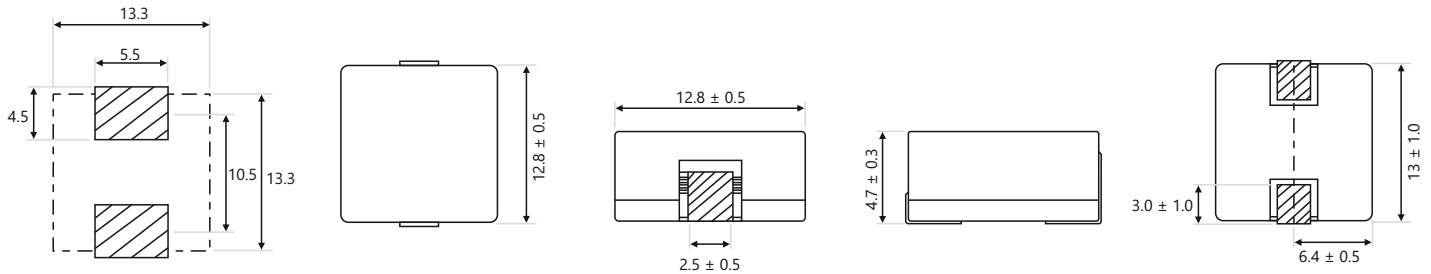


*Displayed image is only for reference purpose, original product may vary.

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 (μH)	RDC ($\text{m}\Omega$)		Isat (A)	Irms (A)
		Typ.	Max.		
MTHCSI1350R19	$0.19 \pm 20\%$	0.50	0.55	60	29
MTHCSI1350R47	$0.47 \pm 20\%$	0.90	0.99	50	26
MTHCSI1350R90	$0.9 \pm 20\%$	1.76	1.76	28	24
MTHCSI13501R4	$1.4 \pm 20\%$	2.64	2.64	26	22
MTHCSI13502R3	$2.3 \pm 20\%$	4.07	4.07	17	17.5
MTHCSI13503R2	$3.2 \pm 20\%$	5.83	5.83	15	16
MTHCSI13504R8	$4.8 \pm 20\%$	11.55	11.55	13	11
MTHCSI13506R0	$6 \pm 20\%$	14.85	14.85	11.5	9.5
MTHCSI13508R2	$8.2 \pm 20\%$	12.76	12.76	11	10
MTHCSI1350100	$10 \pm 20\%$	15.51	15.51	10	8.5

Measurement frequency: at 100KHz
 Measurement ambient temperature: at 25°C
 Packaging: Taping ; Quantity: 500 pieces/reel

NOTE:

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