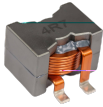


# THC Series

## SMD High Current Inductor

### Size 2815



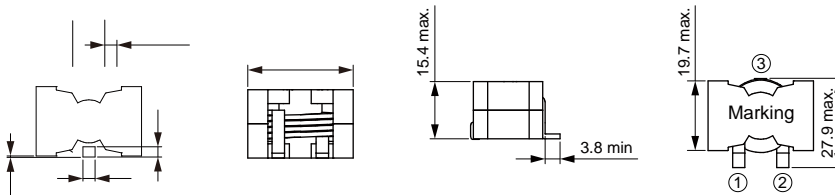
#### CHARACTERISTICS

- High saturation current up to 100A
- Low losses with flat wire design
- Low core losses with MnZn core material
- Quantity: 100pcs

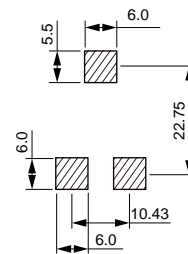
#### APPLICATION

- High current DC/DC converter
- LC filter

#### Dimensions: [mm]



#### Land Pattern: [mm]



#### Electrical Properties:

	( $\mu$ H)		(A)	Saturation (A)	(mm)	(mm)
THC2815-1R5M	1.50	$\pm 20\%$	30.0	100	1.60	1.76
THC2815-2R2M	2.20	$\pm 20\%$	30.0	84.0	1.60	1.76
THC2815-3R3M	3.30	$\pm 20\%$	30.0	54.0	1.60	1.76
THC2815-4R7M	4.70	$\pm 20\%$	30.0	36.9	1.60	1.76
THC2815-6R8M	6.80	$\pm 20\%$	30.0	26.0	1.60	1.76
THC2815-100M	10.0	$\pm 20\%$	30.0	16.2	1.60	1.76
THC2815-150M	15.0	$\pm 20\%$	30.0	9.80	1.60	1.76
THC2815-220M	22.0	$\pm 20\%$	30.0	6.00	1.60	1.76
THC2815-330M	33.0	$\pm 20\%$	30.0	2.60	1.60	1.76

Operating Temperature:  $-40^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$

Temperature Rise Current: the actual value of DC current when the temperature rise is  $+140^{\circ}\text{C}$

Saturation Current that will cause initial inductance to drop approximately 20%

# Typical Electrical Characteristics:

