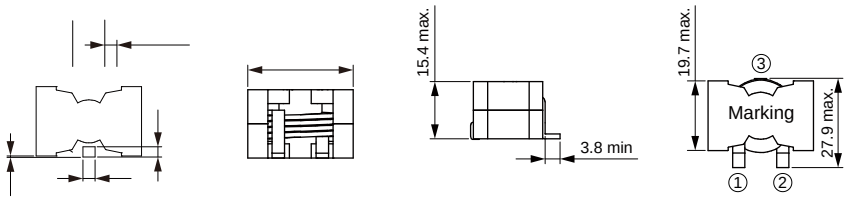
THC Series
SMD High Current Inductor
Size 2815



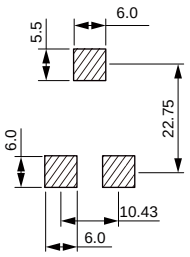
CHARACTERISTICS
- High satura on current up to 100A
- Low losses with flat wire design
- Low core losses with Mnzn core material
- Quan ty: 100pcs

APPLICATION
- High current DC/DC converter
- LC filter

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

	(μH)		(A)	Satura on (A)	(mΩ)	(mΩ)
THC2815-1R5M	1.50	±20%	30.0	100	1.60	1.76
THC2815-2R2M	2.20	±20%	30.0	84.0	1.60	1.76
THC2815-3R3M	3.30	±20%	30.0	54.0	1.60	1.76
THC2815-4R7M	4.70	±20%	30.0	36.9	1.60	1.76
THC2815-6R8M	6.80	±20%	30.0	26.0	1.60	1.76
THC2815-100M	10.0	±20%	30.0	16.2	1.60	1.76
THC2815-150M	15.0	±20%	30.0	9.80	1.60	1.76
THC2815-220M	22.0	±20%	30.0	6.00	1.60	1.76
THC2815-330M	33.0	±20%	30.0	2.60	1.60	1.76

Opera ng Temperature: -40℃ to +125℃
Temperature Rise Current: the actual value of DC current when the temperature rise is ΔT40℃
Satura on Current that will cause ini al inductance to drop approximately 20%

Typical Electrical Characteristics:

