# 02-660F **Series** From 100nH to 220nH



## **CHARACTERISTICS**

**Description:** SMD Trans-inductor Voltage Regulator Inductors

Applications: Data centers, Graphic Cards, CPU

Operating Temperature: -40°C to +125°C (including self-temperature rise)

Storage Temperature: -40°C to +125°C (on board) Inductance Test Frequency: 100kHz/1.0V

**Irms(A):** Heat rated current will cause the coil temperature rise approx.  $\Delta T$  of 40°C. Isat 1(A): Saturation current will cause inductance L0 to drop approx. 20% at +25°C. Isat 2(A): Saturation current will cause inductance L0 to drop approx. 20% at +100°C. Isat 3(A): Saturation current will cause inductance L0 to drop approx. 20% at +125°C.

Rated Current: The lower value of Isat and Irms. Storage Condition (Component in its packaging)

Temperature: Less than 40°C

Humidity: Less than 60% RH

## Miscellaneous:

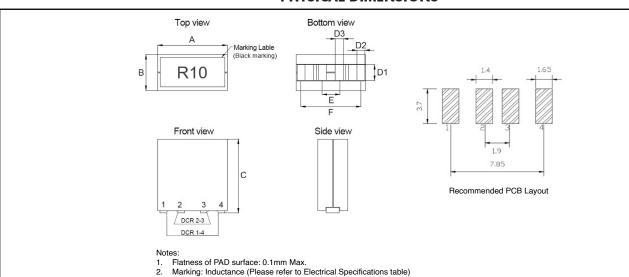
- All test data referenced to 25°C ambient
- **RoHS Compliant**

Samples available. See website for ordering information.

## **SPECIFICATIONS**

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Part Number	Inductance (nH) @0A 1-4/2-3 ±15%	Inductance (nH) @Isat1 Min.	DCR (mΩ) ±10%		Irms (A)		Isat 1 (A)	Isat 2 (A)	Isat 3 (A)	Marking
			1-4	2-3	1-4	2-3		-		
02-660F-R10L	100	64	0.125	0.330	75	40	98	83	78	R10
02-660F-R12L	120	77	0.125	0.330	75	40	79	67	63	R12
02-660F-R15L	150	96	0.125	0.330	75	40	62	53	49	R15
02-660F-R18L	180	115	0.125	0.330	75	40	54	46	43	R18
02-660F-R22L	220	140	0.125	0.330	75	40	50	-	-	R22

# PHYSICAL DIMENSIONS



10.20 ± 0.3



Size

mm

9.30 ± 0.30

6.10 ± 0.30

1.15 ± 0.30

 $0.60 \pm 0.30$ 

3.20 ± 0.30