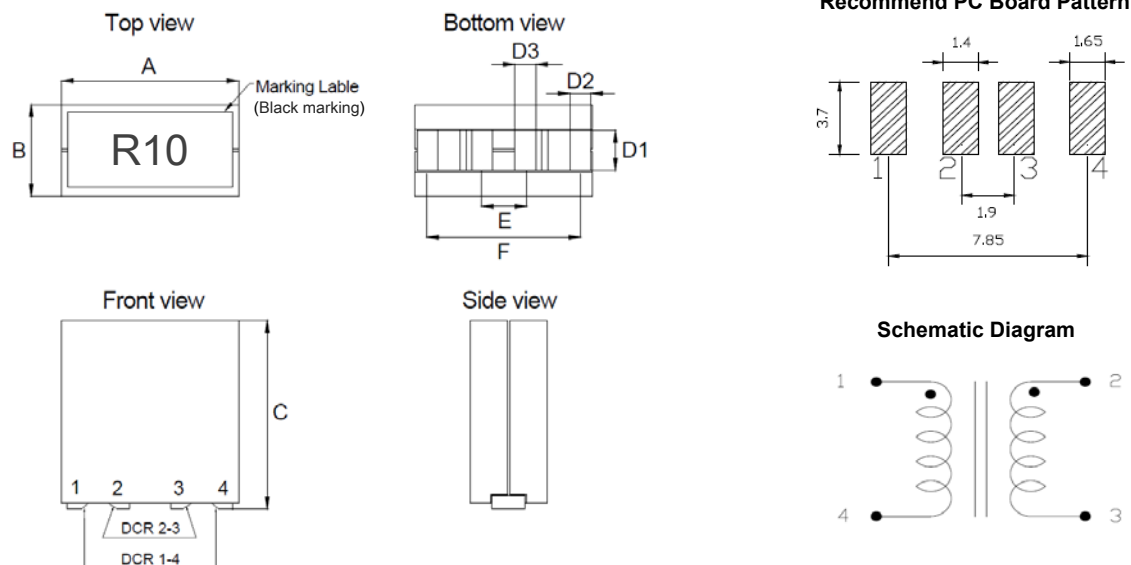


1. Dimension



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	D3(mm)	E(mm)	F(mm)
TLVR966411	9.30±0.3	6.10±0.3	10.20±0.3	3.20±0.3	1.15±0.3	0.60±0.3	2.20±0.3	7.85±0.3

* PAD surface flatness 0.1mm max.

* Recommended: modules should be surface-mounted on the second time(last time) of customer's double-sided PCB to prevent shift of parts.

* Before soldering, be sure to preheat components. The recommended preheating condition is 150°C for 3 minutes.

2. Part Numbering

TLVR 966411 - R10 L - D02

A B C D E

A: Series

B: Dimension

C: Inductance

R10=100nH

D: Inductance Tolerance

L=±15%

E: Inner Code

3. Specification

TAI-TECH Part Number	L (nH) 1-4/2-3 ±15%	Li (nH) Min	DCR (mΩ) ±10%		Isat1 (A) Note b	Isat2 (A) Note b	Isat3 (A) Note b	Irms (A) 1-4 Note a	Irms (A) 2-3 Note a	Marking Code
			1-4	2-3	@25°C	@100°C	@125°C			
TLVR966411-R10L-D02	100	64	0.125	0.330	98	83	78	75	40	R10
TLVR966411-R12L-D02	120	77	0.125	0.330	79	67	63	75	40	R12
TLVR966411-R15L-D02	150	96	0.125	0.330	62	53	49	75	40	R15
TLVR966411-R18L-D02	180	115	0.125	0.330	54	46	43	75	40	R18
TLVR966411-R22L-D02	220	140	0.125	0.330	50	38	35	75	40	R22

Note:

1. L1@ 100kHz, 1.0Vrms, 0A, 25°C.

2. Li @ 100kHz, 1.0Vrms, Isat.

3. DCR @ 25°C, test DCR1-4 & DCR2-3 which was shown on dimension page.

4. Operating Temperature: -40°C~ +125°C(Including self-temperature rise).

a. Irms: Irms is the DC current which causes the surface temperature of the part increase approximately 40°C.

b. Isat1: is the DC current which causes the inductance drop to Li at +25°C

b. Isat2: is the DC current which causes the inductance drop to Li at +100°C

b. Isat3: is the DC current which causes the inductance drop to Li at +125°C