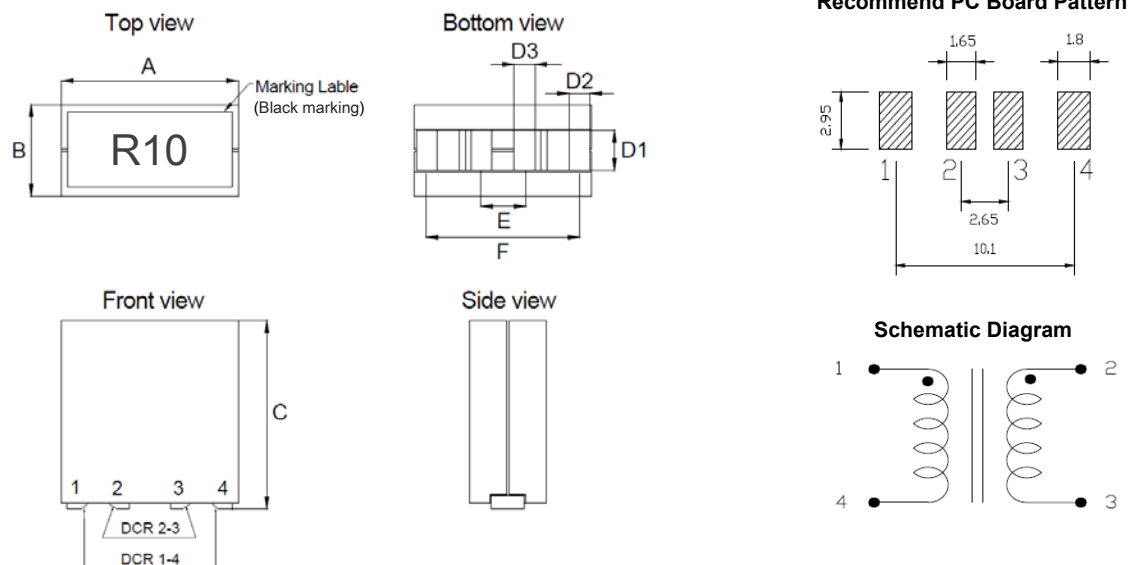


1. Dimension



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	D3(mm)	E(mm)	F(mm)
TLVR110511	11.70±0.3	5.70±0.3	11.00±0.2	2.45±0.3	1.30±0.3	1.15±0.3	2.65±0.5	10.10±0.5

* 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	110511	-	R10	-	L	-	D06
A	B		C		D		E

A: Series

B: Dimension

C: Inductance

D: Inductance Tolerance

E: Inner Code

R10L=105nH

L=±15%

3. Specification

TAI-TECH Part Number	L (nH) 1-4/2-3 ±15%	Li (nH) Min. 1-4	DCR (mΩ) ±10%		Isat1 (A) Note b	Isat2 (A) Note b	Isat3 (A) Note b	Irms (A) 1-4	Irms (A) 2-3	Marking Code
			1-4	2-3	@25°C	@100°C	@125°C	Note a	Note a	
TLVR110511-R07L-D06	70	47.6	0.125	0.370	185	140	130	75	45	R07
TLVR110511-R10L-D06	105	71.4	0.125	0.370	133	106	98	75	45	R10
TLVR110511-R12L-D06	120	81.6	0.125	0.370	110	87	80	75	45	R12
TLVR110511-R15L-D06	150	102.0	0.125	0.370	92	71	58	75	45	R15
TLVR110511-R18L-D06	180	122.4	0.125	0.370	76	60	53	75	45	R18
TLVR110511-R20L-D06	200	136.0	0.125	0.370	64	50	43	75	45	R20

Note:

1. L@ 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