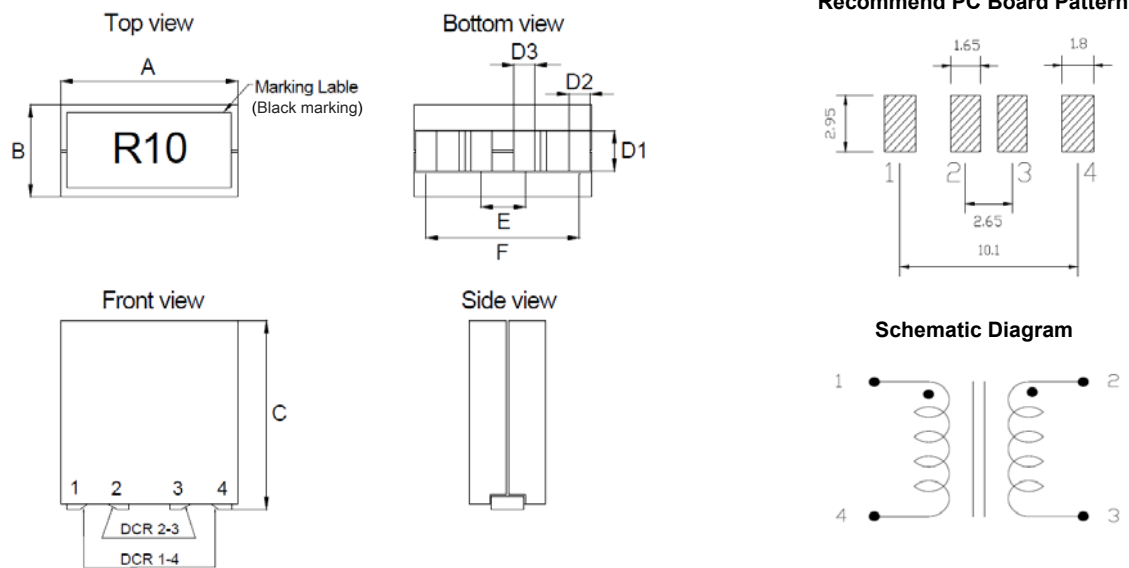


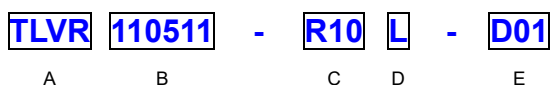
1. Dimension



Series	A(mm)	B(mm)	C(mm)	D1mm)	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

2. Part Numbering



- A: Series
- B: Dimension
- C: Inductance R10=0.10uH
- D: Inductance Tolerance L=±15%
- E: Inner Code

3. Specification

TAI-TECH Part Number	L (nH) 1-4/2-3 ±15%	L2 (nH) Min 1-4	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			
TLVR110511-R07L-D01	70	47.6	0.125	0.370	160	140	130	77	45	70N
TLVR110511-R08L-D01	80	54.4	0.125	0.370	150	120	110	77	45	80N
TLVR110511-R09L-D01	90	61.2	0.125	0.370	135	115	105	77	45	90N
TLVR110511-R10L-D01	105	71.4	0.125	0.370	125	106	98	77	45	R10
TLVR110511-R12L-D01	120	81.6	0.125	0.370	102	87	80	77	45	R12
TLVR110511-R15L-D01	150	102.0	0.125	0.370	84	71	58	77	45	R15
TLVR110511-R17L-D01	170	115.6	0.125	0.370	70	60	53	77	45	R17
TLVR110511-R20L-D01	200	136.0	0.125	0.370	58	50	43	77	45	R20

Note:

1. L @ 100kHz, 1.0Vrms, 0A, 25°C.
2. L2 @ 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: Peak current for approximately 20% rolloff at +25°C
  - b. IsAT2: Peak current for approximately 20% rolloff at +100°C
  - b. IsAT3: Peak current for approximately 20% rolloff at +125°C