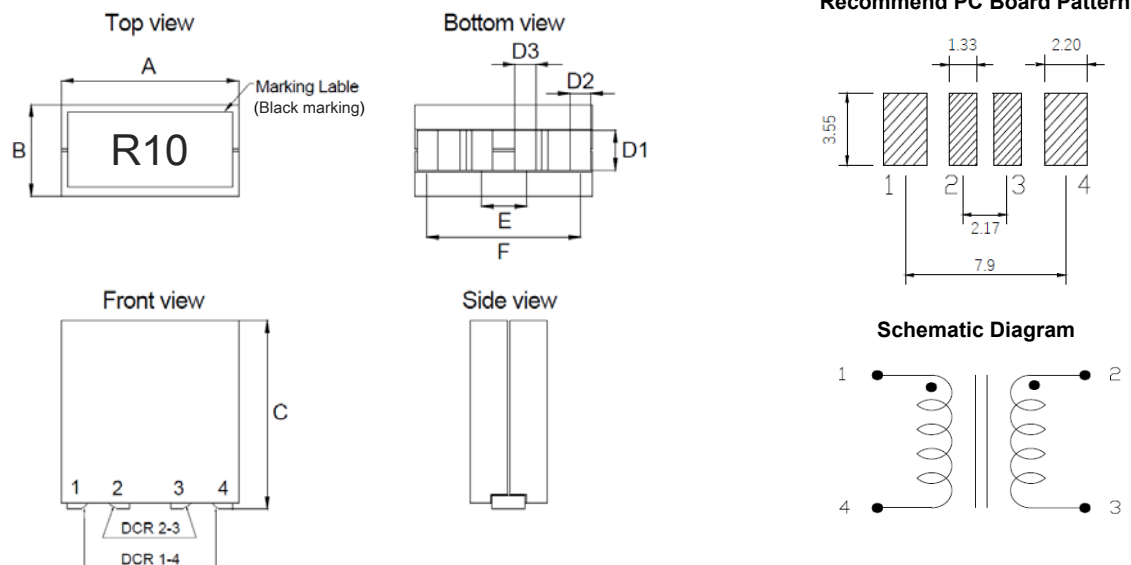


1. Dimension



Series	A(mm)	B(mm)	C(mm)	D1mm)	D2(mm)	D3(mm)	E(mm)	F(mm)
TLVR966411A	9.6 max	6.4 max	11.0 max	3.05 typ	1.50 typ	0.83 typ	2.17 typ	7.7 typ

* 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	A	-	R10	L	-	S0A
A	B	C		D	E		F

A: Series

B: Dimension

C: Dimension Control S/N

D: Inductance R10=100nH

E: Inductance Tolerance K=±10%

F: Inner Code

3. Specification

TAI-TECH Part Number	L (nH) 1-4/2-3 ±10%	L2 (nH)@Isat1 Min 1-4	DCR (mΩ) ±10%		Isat 1 (A) Note b	Isat 2 (A) Note b	Isat 3 (A) Note b	Irms (A) 1-4 Note a	Marking Code
			1-4	2-3	@25°C	@100°C	@125°C		
TLVR966411A-R07K-S0A	70	50	0.15	0.60	163	139	130	70	R07
TLVR966411A-R08K-S0A	80	57	0.15	0.60	143	122	114	70	R08
TLVR966411A-R10K-S0A	100	72	0.15	0.60	114	97	91	70	R10
TLVR966411A-R11K-S0A	110	79	0.15	0.60	104	89	83	70	R11
TLVR966411A-R12K-S0A	120	86	0.15	0.60	95	81	76	70	R12
TLVR966411A-R15K-S0A	150	108	0.15	0.60	76	65	60	70	R15
TLVR966411A-R17K-S0A	170	122	0.15	0.60	67	57	53	70	R17

Note:

1. L @ 100kHz, 0.1Vrms, 0A, 25°C.
2. L2 @ 100kHz, 0.1Vrms, 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