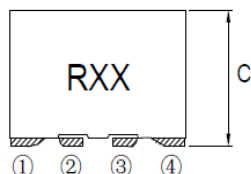
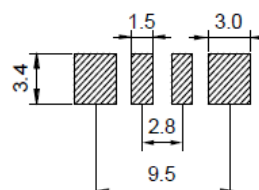
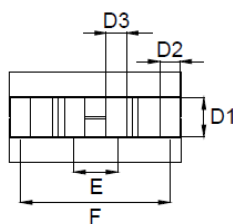
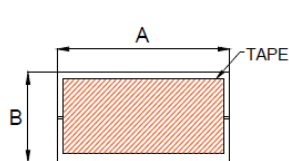
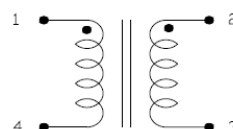


1. Dimension

Recommend PC Board Pattern



Schematic Diagram



Series	A(mm)	B(mm)	C(mm)	D1mm)	D2(mm)	D3(mm)	E(mm)	F(mm)
TLVR120608	11.7±0.3	5.7±0.3	7.7±0.3	2.95±0.3	1.7±0.3	1.0±0.3	2.8±0.5	9.5±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	120608	T	-	R08	L	-	G14	-	SLM
A	B	C		D	E		F		G

A: Series

B: Dimension

C: Type

D: Inductance R08=80nH

E: Inductance Tolerance L=±15%

F: Inner Code

G: Control S/N Laser Marking

3. Specification

TAI-TECH Part Number	L (nH) 1-4/2-3 ±15%	Li (nH) @Isat Min	DCR (mΩ) ±10%		Isat (A) typ			Irms (A) typ	
			1-4	2-3	@25°C	@75°C	@100°C	1-4	2-3
TLVR120608T-R08L-G14-SLM	80	57.6	0.10	0.30	105	100	95	78	45
TLVR120608T-R10L-G14-SLM	100	72.0	0.10	0.30	85	78	75	78	45

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).
5. Irms: Irms is the DC current which causes the surface temperature of the part increase approximately 40°C.
6. Isat: is the DC current which causes the inductance drop to Li.