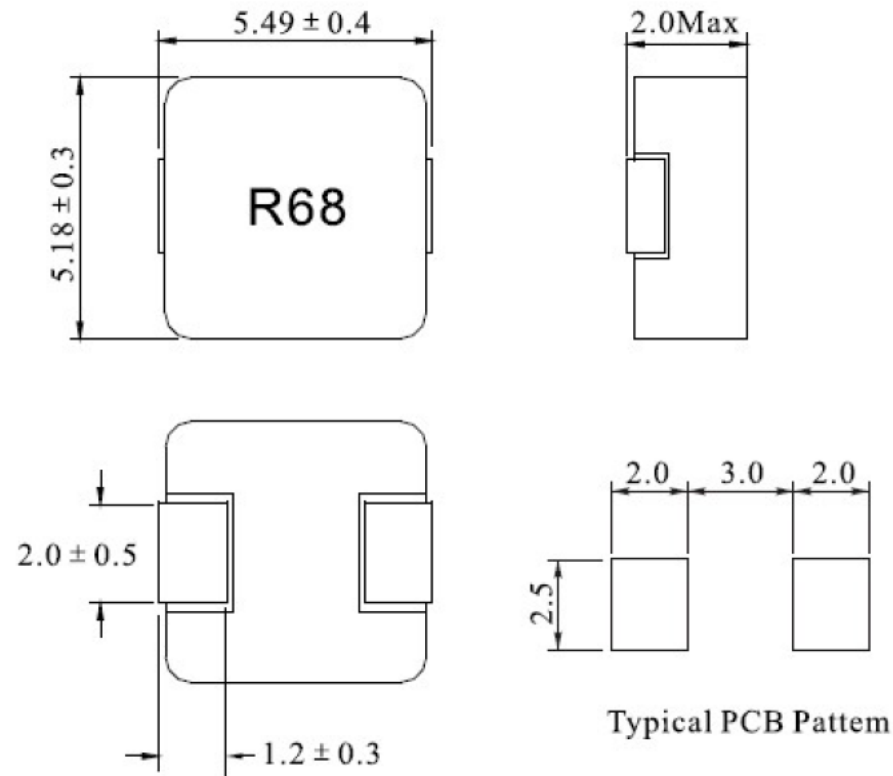
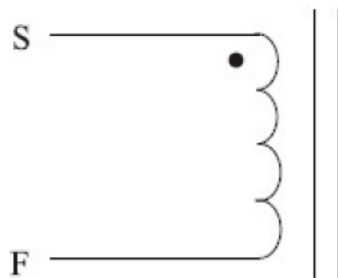


1. PHYSICAL CHARACTERISTICS (mm)



2. ELECTRONICAL SCHEMATIC



Rev.	Description	Date
AO	New release	2024.02.18

3. ELECTRONICAL SPECIFICATIONS

- Inductance: 0.68uH ± 20% @ 100KHz, 1 V
- Rated current: 12.0A Max (temperature rise 40 °C Max)
- Saturation current: 18.0A Max (L drop 30% Max)
- DCR: 15.0mO Max
- Operating temperature: -40 °C to +125 °C
(Including temp. rise 40 °C Max)
- Storage temperature: -40 °C to +85 °C

Test Instrument:

- L: HP4284A
- RDC: HM2540

Note:

- Solderability: leads shall meet MIL-STD-202, Method 208D for solderability.
- Flammability: UL94V-O
- ASTM oxygen index: >28%

NAME:	Power inductors		
	SPM0520-R68M-12A	DATE:	2024-02-18
		REV: AO	PAGE
DRAWN BY	CHECKED BY	APPROVE BY	

