

PQ-F Series

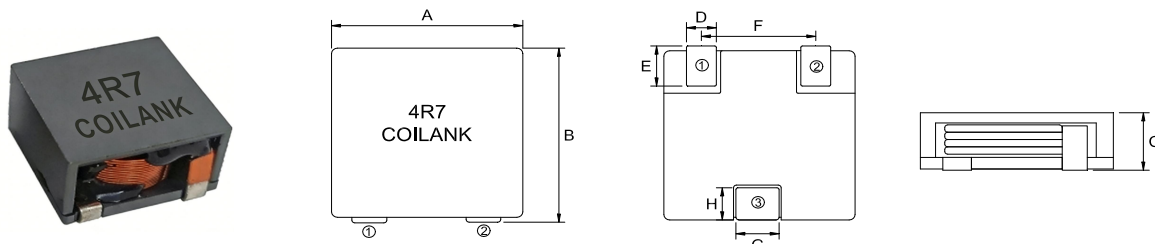
Features

- Perfect for high current.
- Extremely low DCR.
- Low voltage power supply applications
- High power DC power supply.

Test Conditions

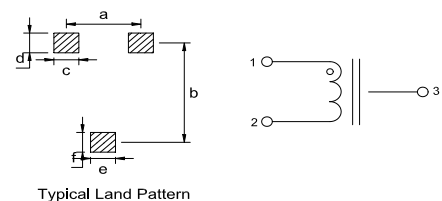
- All test data is referenced to 25°C ambient.
- Operating temperature range -40°C to 125°C.(Including self - temperature rise)
- DC current (Irms) that will cause an approximate ΔT of 40°C.
- DC current (Isat) that will cause Lo to drop approximately 30%.

External Dimensions (Unit:mm)



TYPE	A	B	C	D	E	F	G	H	Q'TY/Reel
PQ2110	21.7Max	21.5Max	10.6Max	3.0±0.3	2.3Min	14.5±0.5	2.5Ref	2.4Ref	120
PQ2112	21.7Max	21.5Max	12.5Max	3.0±0.3	2.3Min	14.5±0.5	2.5Ref	2.4Ref	120

a	b	c	d	e	f
14.5Ref	17.5Ref	4.0Ref	5.0Ref	4.0Ref	4.0Ref
14.6Ref	17.6Ref	4.0Ref	5.0Ref	4.0Ref	4.0Ref



Part Number Code

PQ	2110	M	4R7	F
Series Name	Dimensions: L*W*H	Tolerance M:20%	Inductance	Internal control

PQ-F Series

Part Number	Inductance (μH) @100KHz/0.1V	DC Resistance (mΩ) Max.	Heat Rating Current I _{rms} (A)Typ.	Saturation Current I _{sat} (A)Typ.
PQ2110M1R0F	1	1.4	40	70
PQ2110M1R5F	1.5	1.4	40	52
PQ2110M2R2F	2.2	1.8	34	46
PQ2110M3R3F	3.3	2.2	28	37
PQ2110M4R7F	4.7	2.8	26	30
PQ2112M6R8F	6.8	3.8	22	26
PQ2112M100F	10.5	6	17.5	22.5
PQ2112M150F	15.2	9.2	14	18.5
PQ2112M240F	24.5	15	11	14.5
PQ2112M320F	32	21.5	9	12.5
PQ2112M500F	50	32.6	7.4	10