

PQ-R Series

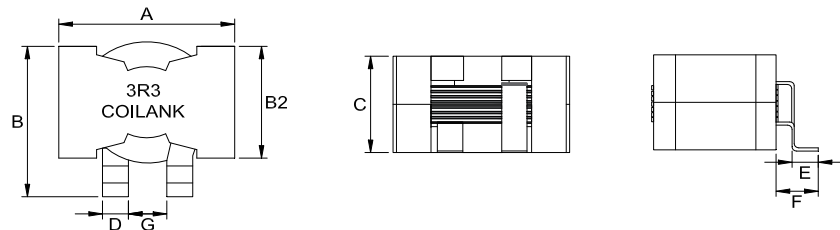
Features

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

Test Conditions

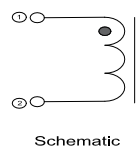
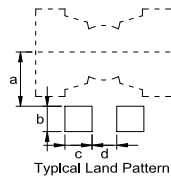
- All test data is referenced to 25°C ambient.
- Operating temperature range -25°C to +125°C.(Including self - temperature rise)
- Isat :DC current(A) that will cause Io to drop approximately 30%.
- Irms :DC current(A) that will cause an approximate ΔT of 40°C.
- The part temperature(ambient + temp rise)should not exceed 125°C under worst case operating conditions.
Circuit design,component placement, PCB trace size and thickness,airflow and other cooling provisions all affect the part temperature,part temperature should be verified in the end application.

External Dimensions (Unit:mm)



TYPE	A Max	B Max	B2 Max	C Max	D Typ	E Min	F Typ	G Typ	Q'TY/Reel
PQ2817-R	27.9	27.9	19.5	16.8	3.8	3.8	6.9	6.2	280

a(Ref.)	b(Ref.)	c(Ref.)	d(Ref.)
11.6	6.0	5.5	4.8



Part Number Code

PQ	2817	M	3R3	R
Series Name	Dimensions: L*W*H	Tolerance 20%	Inductance	Internal control

PQ-R Series

Part Number	Inductance (μ H) @100KHz/0.1V	DC Resistance (m Ω) Max.	Heat Rating Current Irms (A)Typ.	Saturation Current Isat (A)Typ.
PQ2817M3R3R	3.3	2.8	28	93.6
PQ2817M4R7R	4.7	2.8	28	62.4
PQ2817M6R8R	6.8	2.8	28	45.9
PQ2817M100R	10	2.8	28	32.1
PQ2817M150R	15	2.8	28	21.9
PQ2817M220R	22	2.8	28	15
PQ2817M330R	33	2.8	28	9.6