

PQ-A Series

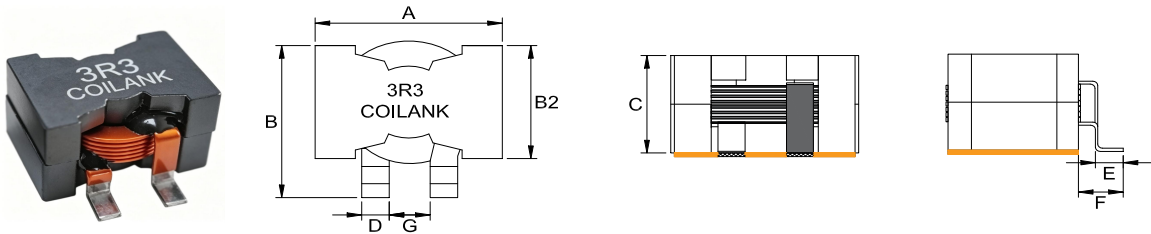
Features

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

Test Conditions

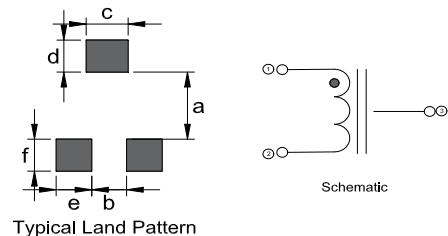
- All test data is referenced to 25°C ambient.
- Operating temperature range -25°C to +125°C.(Including self - temperature rise)
- Isat :DC current(A) that will cause Io to drop approximately 30%.
- Irms :DC current(A) that will cause an approximate ΔT of 40°C.
- The part temperature(ambient + temp rise)should 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 Ref	E Min	F Typ	G	Q'TY/Reel
PQ2915-AL	27.9	27.9	19.7	15.4	3.8	3.8	6.0	6.6±0.5	280
PQ2915-A	27.9	27.9	19.7	15.4	3.8	3.8	6.0	6.6±0.5	280
PQ2918-A	27.9	27.9	19.7	17.8	3.8	3.8	6.0	6.6±0.5	280

a(Ref.)	b(Ref.)	c(Ref.)	d(Ref.)	e(Ref.)	f(Ref.)
16.6	4.8	6.35	5.28	5.4	5.6
16.6	4.8	6.35	5.28	5.4	5.6
16.6	4.8	6.35	5.28	5.4	5.6



Part Number Code

PQ	2915	M	1R5	A
Series Name	Dimensions: L*W*H	Tolerance 20%	Inductance	Materials

PQ-A Series

Part Number	Inductance (μ H) @100KHz/0.1V	DC Resistance (m Ω) Max.	Heat Rating Current I _{rms} (A)Typ.	Saturation Current I _{sat} (A)Typ.
PQ2915M1R5AL	1.5	1.65	30	>100
PQ2915M2R2AL	2.2	1.65	30	84.8
PQ2915M3R3AL	3.3	1.65	30	57
PQ2915M4R7AL	4.7	1.65	30	39
PQ2915M6R8AL	6.8	1.65	30	27.8
PQ2915M100AL	10	1.65	30	17.6
PQ2915M1R5A	1.5	1.8	30	>100
PQ2915M2R2A	2.2	1.8	30	>100
PQ2915M3R3A	3.3	1.8	30	68.4
PQ2915M4R7A	4.7	1.8	30	50.1
PQ2915M6R8A	6.8	1.8	30	36.2
PQ2915M100A	10	1.8	30	23.4
PQ2918M3R3A	3.3	2.8	28	93.6
PQ2918M4R7A	4.7	2.8	28	62.4
PQ2918M6R8A	6.8	2.8	28	45.9
PQ2918M100A	10	2.8	28	32.1
PQ2918M150A	15	2.8	28	21.9
PQ2918M220A	22	2.8	28	15
PQ2918M330A	33	2.8	28	9.6