

PQ-E Series

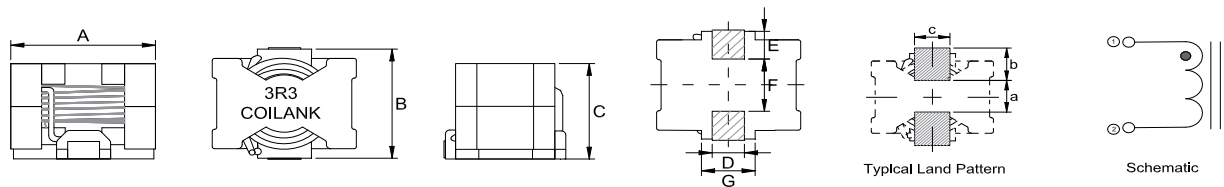
Features

- 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	B	C	D	E	F	G	a(Ref)	b(Ref)	c(Ref)	Q'TY/Reel
PQ2920-E	28Max	25Max	20.5Max	6.0±0.3	6.0±0.3	11.0±0.5	10.0±0.3	8.5	8.5	8.0	280

Part Number Code

PQ	2920	M	220	E
Series Name	Dimensions: L*W*H	Tolerance 20%	Inductance	Internal control

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Part Number	Inductance (μ H) @100KHz/0.1V	DC Resistance (m Ω) Max.	Heat Rating Current Irms (A)Max.	Saturation Current Isat (A)Typ.
PQ2920M220E	22	5.39	23.9	21.7
PQ2920M330E	33	7.59	20.2	15.4
PQ2920M470E	47	9.68	18.7	13
PQ2920M680E	68	11.33	17	10.6
PQ2920M101E	100	25.19	11.2	9.4
PQ2920M151E	150	33.66	9.2	7.2
PQ2920M221E	220	40.1	8.8	5.3
PQ2920M331E	330	77.5	6.1	4.3
PQ2920M471E	470	91.8	5.5	3.7
PQ2920M681E	680	130.13	4.8	3