

Champs Technologies



Inductance Range: 0.405uH to 6.2uH

Current Rating: up to 78A

Height: 7.4 mm Max

Footprint : 19 mm x 21.8 mm Max.

Isolation (Wdg : Core) > 500Vdc

RoHS
Compliant

Electrical Specifications @ 25°C – Operating Temperature -5°C to + 125°C

Part Number	Pulse Equiv Number	DCR (mΩ) Nom	Inductance @ 0A _{dc} (μH±10%)	I _{rated} (A _{dc})	Saturation Current		RMS Current (A)	Max Ht (mm)
					25°C	100°C		
2-Turn Series								
PQL2050-0R450-78	PA1292.450	1.00	0.45	78	95	89.0	52	7.3
PQL2050-0R630-56	PA1292.650	1.00	0.63	56	65	61.0	52	7.3
PQL2050-0R850-43	PA1292.910	1.00	0.85	43	48	45.0	52	7.3
PQL2050-1R050-35	PA1292.112	1.00	1.05	35	38	35.0	52	7.3
PQL2050-1R250-28	PA1292.132	1.00	1.25	28	32	30.0	52	7.3
PQL2050-1R450-25	PA1292.152	1.00	1.45	25	28	26.0	52	7.3
3-Turn Series								
PQL2050-0R950-57	PA1393.102	1.52	0.95	57	65	60.0	42	7.3
PQL2050-1R400-40	PA1393.152	1.52	1.40	40	45	42.0	42	7.3
PQL2050-1R900-28	PA1393.202	1.52	1.90	28	33	30.0	42	7.3
PQL2050-2R400-23	PA1393.252	1.52	2.40	23	26	23.0	42	7.3
PQL2050-2R800-19	PA1393.302	1.52	2.80	19	22	19.0	42	7.3
PQL2050-3R400-16	PA1393.352	1.52	3.40	16	18	16.0	42	7.3
4-Turn Series								
PQL2050-1R600-45	PA1494.152	2.19	1.60	45	52	48.0	37	7.3
PQL2050-2R400-30	PA1494.242	2.19	2.40	30	35	31.0	37	7.3
PQL2050-3R300-22	PA1494.362	2.19	3.30	22	26	22.0	37	7.3
PQL2050-4R000-18	PA1494.442	2.19	4.00	18	21	18.0	37	7.3
PQL2050-4R900-15	PA1494.532	2.19	4.90	15	17	15.0	37	7.3
PQL2050-5R800-12	PA1494.622	2.19	5.80	12	14	12.0	37	7.3

Note: Inductance at Rated Current is within 0 to -10% range of Inductance Measured at 0A_{dc}

Note: Inductance at Saturation Current is within 0 to -15% range of Inductance Measured at 0A_{dc}