

Power inductors 2D-8D 系列

◆ Features

Various high power inductors are superior to be high saturation for surface mounting.

◆ Applications

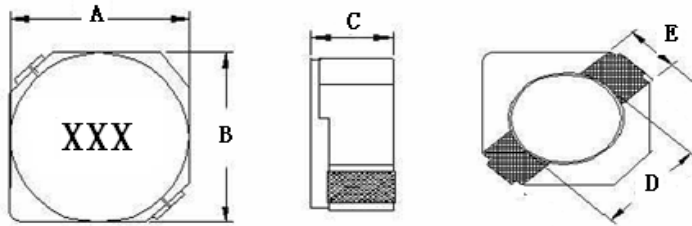
Power supply for VTR,OA equipment Digital camera,LCD television set notebook PC, portable communication equipments,DC/DC converters,etc.



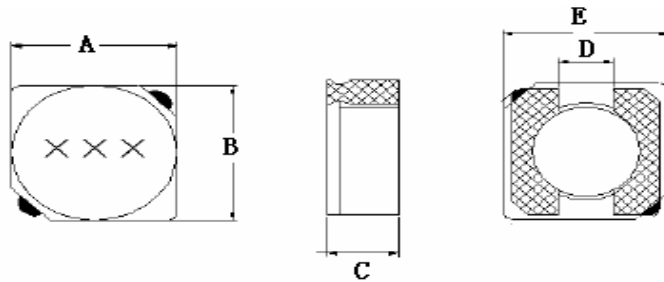
Type (型式)	A	B	C(max)	D	E(ref.)
PWRH0211	3. 2MAX	3. 2MAX	1. 2MAX	2.1TYP	1.0TYP
PWRH0214	3. 2MAX	3. 2MAX	1. 55MAX	2.1TYP	1.0TYP
PWRH0218	3. 2MAX	3. 2MAX	2. 0MAX	2.1TYP	1.0TYP
PWRH0311	4. 0MAX	4. 0MAX	1. 2MAX	2.8TYP	1.1TYP
PWRH0314	4. 0MAX	4. 0MAX	1. 5MAX	2.8TYP	1.1TYP
PWRH0316	4. 0MAX	4. 0MAX	1. 8MAX	1.15TYP	3.6TYP
PWRH0328	4. 0MAX	4. 0MAX	3. 0MAX	2.8TYP	1.1TYP
PWRH0418	5. 0MAX	5. 0MAX	2. 0MAX	1.5TYP	4.5TYP
PWRH0422	5. 0MAX	5. 0MAX	2. 4MAX	1.5TYP	4.5TYP
PWRH0428	5. 0MAX	5. 0MAX	3. 0MAX	1.5TYP	4.5TYP
PWRH0518	6. 0MAX	6. 0MAX	2. 0MAX	2.0TYP	5.5TYP
PWRH0528	6. 0MAX	6. 0MAX	3. 0MAX	2.0TYP	5.5TYP
PWRH0628	7. 0MAX	7. 0MAX	3. 0MAX	2.0TYP	6.5TYP
PWRH0638	7. 0MAX	7. 0MAX	4. 0MAX	2.0TYP	6.5TYP
PWRH0715	7. 3MAX	7. 3MAX	1. 5MAX	1.9TYP	7.4TYP
PWRH0718	7. 3MAX	7. 3MAX	1. 8MAX	1.9TYP	7.4TYP
PWRH0720	7. 3MAX	7. 3MAX	2. 0MAX	1.9TYP	7.4TYP
PWRH0725	7. 3MAX	7. 3MAX	2. 5MAX	1.9TYP	7.4TYP
PWRH0828	8. 3MAX	8. 3MAX	3. 0MAX	6.3TYP	1.2TYP
PWRH0838	8. 3MAX	8. 3MAX	4. 0MAX	6.3TYP	1.2TYP
PWRH0843	8. 3MAX	8. 3MAX	4. 5MAX	6.3TYP	1.2TYP

Power inductors 2D-8D 系列

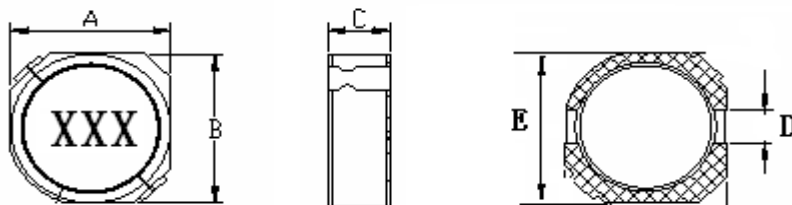
SCHEMATICS



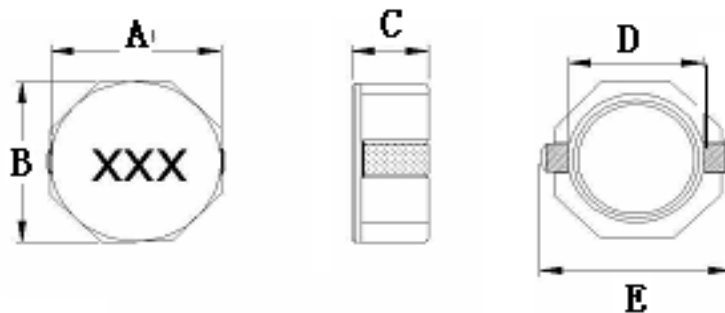
PWRH0211/0214/0218/0311/0328



PWRH0316/0418/0422/0518/0528
/0628/0638



PW0715/0718/0720/0725



PW0828/0838/0834

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Part Number (品名)	Inductance (μ H) (电感值)	DCR(max) (Ω) (直流阻抗)	IDC(A) (max) $\Delta L/L=-35\%; \Delta t=40^{\circ}\text{C}$ (额定电流)	Test Freq. (测试频率)
PWRH0211	1.5uH~10uH	0.068 Ω ~0.559 Ω	0.35A~1.35A	100KHz/0.25V
PWRH0214	1.5uH~10uH	0.068 Ω ~0.294 Ω	0.7A~1.8A	100KHz/0.25V
PWRH0218	1.7uH~15uH	0.041 Ω ~0.245 Ω	0.35A~1.45A	100KHz/0.25V
PWRH0311	2.7uH~39uH	0.065 Ω ~0.85 Ω	0.4A~1.82A	100KHz/0.25V
PWRH0314	1.5uH~15uH	0.076 Ω ~0.83 Ω	0.48A~1.85A	100KHz/0.25V
PWRH0316	1.5uH~15uH	0.052 Ω ~0.675 Ω	0.0.320A~1.55A	100KHz/0.25V
PWRH0328	1.7uH~33uH	0.072 Ω ~0.599 Ω	0.48A~2.00A	100KHz/0.25V
PWRH0418	1.0uH~39uH	0.045 Ω ~0.709 Ω	0.3A~1.82A	100KHz/0.25V
PWRH0422	1.5uH~150uH	0.018 Ω ~1.350 Ω	0.21A~2.00A	100KHz/0.25V
PWRH0428	1.2uH~180uH	0.024 Ω ~1.54 Ω	0.220A~2.56A	100KHz/0.25V
PWRH0518	4.1uH~100uH	0.057 Ω ~1.200 Ω	0.360A~1.95A	100KHz/0.25V
PWRH0528	2.5uH~100uH	0.018 Ω ~0.520 Ω	0.42A~2.6A	100KHz/0.25V
PWRH0628	3.0uH~100uH	0.024 Ω ~0.535 Ω	0.54A~3.00A	100KHz/0.25V
PWRH0638	3.3uH~100uH	0.020 Ω ~0.358 Ω	0.65A~3.5A	100KHz/0.25V
PWRH0715	3.3uH~22uH	0.065 Ω ~0.300 Ω	0.9A~2.1A	100KHz/0.25V
PWRH0718	2.2uH~22uH	0.060 Ω ~0.400 Ω	1.30A~3.80A	100KHz/0.25V
PWRH0720	2.2uH~22uH	0.059 Ω ~0.37 Ω	1.4A~4.0A	100KHz/0.25V
PWRH0725	2.7uH~22uH	0.047 Ω ~0.216 Ω	1.5A~4.0A	100KHz/0.25V
PWRH0828	2.5uH~100uH	0.016 Ω ~0.430 Ω	0.78A~5.40A	100KHz/0.25V
PWRH0838	2.0uH~100uH	0.014 Ω ~0.36 Ω	0.90A~6.40A	100KHz/0.25V
PWRH0843	2.0uH~100uH	0.014 Ω ~0.36 Ω	1.3A~7.0A	100KHz/0.25V

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FPE-A-2 (2010.10)