

DESIGN KIT

WE-PD SMD Shielded Power Inductor

**SIZE:**

1030 / 1050

TECHNICAL DATA:

L:	1.5 ~ 1000 μ H
R _{DC} :	6.6 ~ 2050 m Ω
I _{sat} :	0.55 ~ 12.5 A
I _R :	0.43 ~ 10 A

Order Code 744 771 3**Version 1.0**

WE-PD

SMD Shielded Power Inductor



1030	744 771 301 5 L: 1.5 μ H R _{DC} : 16 m Ω I _{sat} : 9.5 A I _R : 6.2 A	744 771 302 2 L: 2.2 μ H R _{DC} : 20 m Ω I _{sat} : 8.5 A I _R : 5.1 A	744 771 303 3 L: 3.3 μ H R _{DC} : 24 m Ω I _{sat} : 7.2 A I _R : 4.6 A	744 771 304 7 L: 4.7 μ H R _{DC} : 31 m Ω I _{sat} : 6 A I _R : 4 A	744 771 308 2 L: 8.2 μ H R _{DC} : 49 m Ω I _{sat} : 4.7 A I _R : 3 A	744 771 310 0 L: 10 μ H R _{DC} : 62 m Ω I _{sat} : 4.1 A I _R : 2.6 A	744 771 315 0 L: 15 μ H R _{DC} : 89 m Ω I _{sat} : 3 A I _R : 2.2 A
	744 771 322 0 L: 22 μ H R _{DC} : 133 m Ω I _{sat} : 2.7 A I _R : 1.7 A	744 771 333 0 L: 33 μ H R _{DC} : 204 m Ω I _{sat} : 2.2 A I _R : 1.35 A	744 771 347 0 L: 47 μ H R _{DC} : 248 m Ω I _{sat} : 1.9 A I _R : 1.2 A	744 771 368 0 L: 68 μ H R _{DC} : 330 m Ω I _{sat} : 1.6 A I _R : 1.1 A	744 771 382 0 L: 82 μ H R _{DC} : 419 m Ω I _{sat} : 1.5 A I _R : 0.95 A	744 771 310 1 L: 100 μ H R _{DC} : 478 m Ω I _{sat} : 1.4 A I _R : 0.9 A	744 771 333 1 L: 330 μ H R _{DC} : 1500 m Ω I _{sat} : 0.73 A I _R : 0.48 A
	744 771 401 5 L: 1.5 μ H R _{DC} : 6.6 m Ω I _{sat} : 12.5 A I _R : 10 A	744 771 402 2 L: 2.2 μ H R _{DC} : 8 m Ω I _{sat} : 9.5 A I _R : 8.6 A	744 771 403 3 L: 3.3 μ H R _{DC} : 10.5 m Ω I _{sat} : 9 A I _R : 7.5 A	744 771 404 7 L: 4.7 μ H R _{DC} : 12.4 m Ω I _{sat} : 8 A I _R : 7 A	744 771 405 6 L: 5.6 μ H R _{DC} : 14.4 m Ω I _{sat} : 7.2 A I _R : 6 A	744 771 406 8 L: 6.8 μ H R _{DC} : 22 m Ω I _{sat} : 5.8 A I _R : 5.2 A	744 771 410 0 L: 10 μ H R _{DC} : 27 m Ω I _{sat} : 5 A I _R : 4.3 A
	744 771 415 0 L: 15 μ H R _{DC} : 43 m Ω I _{sat} : 4.1 A I _R : 3.5 A	744 771 422 0 L: 22 μ H R _{DC} : 50 m Ω I _{sat} : 3.6 A I _R : 3 A	744 771 433 0 L: 33 μ H R _{DC} : 79 m Ω I _{sat} : 2.9 A I _R : 2.5 A	744 771 447 0 L: 47 μ H R _{DC} : 99 m Ω I _{sat} : 2.5 A I _R : 2.2 A	744 771 456 0 L: 56 μ H R _{DC} : 121 m Ω I _{sat} : 2.3 A I _R : 2 A	744 771 468 0 L: 68 μ H R _{DC} : 132 m Ω I _{sat} : 2.2 A I _R : 1.9 A	744 771 482 0 L: 82 μ H R _{DC} : 176 m Ω I _{sat} : 1.9 A I _R : 1.6 A
	744 771 410 1 L: 100 μ H R _{DC} : 198 m Ω I _{sat} : 1.8 A I _R : 1.5 A	744 771 415 1 L: 150 μ H R _{DC} : 300 m Ω I _{sat} : 1.4 A I _R : 1.2 A	744 771 422 1 L: 220 μ H R _{DC} : 439 m Ω I _{sat} : 1.2 A I _R : 1 A	744 771 433 1 L: 330 μ H R _{DC} : 750 m Ω I _{sat} : 1 A I _R : 0.71 A	744 771 447 1 L: 470 μ H R _{DC} : 1100 m Ω I _{sat} : 0.82 A I _R : 0.6 A	744 771 468 1 L: 680 μ H R _{DC} : 1220 m Ω I _{sat} : 0.71 A I _R : 0.51 A	744 771 410 2 L: 1000 μ H R _{DC} : 2050 m Ω I _{sat} : 0.55 A I _R : 0.43 A

EMC COMPONENTS | **INDUCTORS** | TRANSFORMERS | RF COMPONENTS | CIRCUIT PROTECTION | EMC SHIELDING MATERIAL | CONNECTORS | SWITCHES | ASSEMBLY TECHNIQUE | POWER ELEMENTS

Important information: Würth Elektronik's design kits contain reference components. These components correspond with the current product development status on the day of supply. Exchange of the reference components to components with up-to-date product development status is not carried out automatically. No liability is taken for the use of these reference components. Therefore, please request new samples prior to releases for series production and product release.

Please check datasheets on www.we-online.com for specifications. Würth Elektronik eiSos GmbH & Co. KG, EMC & Inductive Solutions. © 2013

All products
in stock!