SMD Power Chokes for Monolithic Power Systems™

WÜRTH ELEKTRONIK

WE-TPC „M”	WE-TPC „L”	WE-TPC „LH”	WE-TPC „XL”	WE-TPC „XLH”	WE-PD „M”	WE-PD2 „M”
744 042 0039	**744 052 0039**	**744 053 004**	**744 065 0033**	**744 066 0022**	**744 7789 003**	**744 774 022**
L: 3.9 µH	L: 3.9 µH	L: 4.0 µH	L: 3.3 µH	L: 2.2 µH	L: 3.3 µH	L: 2.2 µH
RDC: 0.06 Ω	RDC: 0.055 Ω	RDC: 0.035 Ω	RDC: 0.02 Ω	RDC: 0.01 Ω	RDC: 0.03 Ω	RDC: 0.026 Ω
I_{RMS}: 1.82 A	I_{RMS}: 2.00 A	I_{RMS}: 2.50 A	I_{RMS}: 5.30 A	I_{RMS}: 6.70 A	I_{RMS}: 3.42 A	I_{RMS}: 4.60 A
I_{sat}: 1.70 A	I_{sat}: 2.10 A	I_{sat}: 2.20 A	I_{sat}: 4.70 A	I_{sat}: 6.8 0 A	I_{sat}: 4.20 A	I_{sat}: 8.20 A
744 042 004	**744 052 005**	**744 053 0047**	**744 065 0047**	**744 066 005**	**744 7789 004**	**744 774 027**
L: 4.7 µH	L: 5.0 µH	L: 4.7 µH	L: 4.7 µH	L: 5.0 µH	L: 4.7 µH	L: 2.7 µH
RDC: 0.07 Ω	RDC: 0.06 Ω	RDC: 0.038 Ω	RDC: 0.023 Ω	RDC: 0.022 Ω	RDC: 0.035 Ω	RDC: 0.032 Ω
I_{RMS}: 1.72 A	I_{RMS}: 1.65 A	I_{RMS}: 2.40 A	I_{RMS}: 4.60 A	I_{RMS}: 4.90 A	I_{RMS}: 2.90 A	I_{RMS}: 4.00 A
I_{sat}: 1.65 A	I_{sat}: 1.80 A	I_{sat}: 1.95 A	I_{sat}: 4.20 A	I_{sat}: 5.50 A	I_{sat}: 3.90 A	I_{sat}: 8.00 A
744 042 005	**744 052 006**	**744 053 006**	**744 065 0068**	**744 066 0062**	**744 7789 006**	**744 774 047**
L: 5.6 µH	L: 6.2 µH	L: 6.2 µH	L: 6.8 µH	L: 6.2 µH	L: 6.8 µH	L: 4.7 µH
RDC: 0.08 Ω	RDC: 0.08 Ω	RDC: 0.045 Ω	RDC: 0.033 Ω	RDC: 0.024 Ω	RDC: 0.044 Ω	RDC: 0.056 Ω
I_{RMS}: 1.64 A	I_{RMS}: 1.45 A	I_{RMS}: 2.20 A	I_{RMS}: 4.20 A	I_{RMS}: 4.30 A	I_{RMS}: 2.50 A	I_{RMS}: 3.00 A
I_{sat}: 1.35 A	I_{sat}: 1.60 A	I_{sat}: 1.70 A	I_{sat}: 3.60 A	I_{sat}: 4.50 A	I_{sat}: 2.75 A	I_{sat}: 5.50 A
744 042 006	**744 052 007**	**744 053 008**	**744 065 0082**	**744 066 100**	**744 7789 10**	**744 774 068**
L: 6.8 µH	L: 7.5 µH	L: 8.2 µH	L: 8.2 µH	L: 10.0 µH	L: 10.0 µH	L: 6.8 µH
RDC: 0.08 Ω	RDC: 0.09 Ω	RDC: 0.055 Ω	RDC: 0.037 Ω	RDC: 0.035 Ω	RDC: 0.072 Ω	RDC: 0.071 Ω
I_{RMS}: 1.50 A	I_{RMS}: 1.35 A	I_{RMS}: 2.10 A	I_{RMS}: 3.80 A	I_{RMS}: 3.60 A	I_{RMS}: 1.83 A	I_{RMS}: 2.40 A
I_{sat}: 1.25 A	I_{sat}: 1.50 A	I_{sat}: 1.60 A	I_{sat}: 2.80 A	I_{sat}: 4.00 A	I_{sat}: 2.20 A	I_{sat}: 5.00 A
744 042 008	**744 052 009**	**744 053 100**	**744 065 150**	**744 066 150**	**744 7789 112**	**744 774 10**
L: 8.2 µH	L: 9.0 µH	L: 10.0 µH	L: 15.0 µH	L: 15.0 µH	L: 12.0 µH	L: 10.0 µH
RDC: 0.10 Ω	RDC: 0.11 Ω	RDC: 0.07 Ω	RDC: 0.09 Ω	RDC: 0.05 Ω	RDC: 0.098 Ω	RDC: 0.078 Ω
I_{RMS}: 1.40 A	I_{RMS}: 1.25 A	I_{RMS}: 1.50 A	I_{RMS}: 2.20 A	I_{RMS}: 3.20 A	I_{RMS}: 1.73 A	I_{RMS}: 2.20 A
I_{sat}: 1.10 A	I_{sat}: 1.35 A	I_{sat}: 1.40 A	I_{sat}: 2.25 A	I_{sat}: 3.25 A	I_{sat}: 1.90 A	I_{sat}: 2.16 A

All parts recommended for: Synchronous Buck Converter, Non Synchronous Buck Converter, Boost Converter, White LED Driver; Series: MP15xx, MP21xx, MP23xx, MP30xx, MP32xx

MPS™
Monolithic Power Systems™
www.monolithicpower.com



Please check datasheets on
www.we-online.com for specifications.
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I_{sat}: 1.35 A	I_{sat}: 1.60 A	I_{sat}: 1.70 A	I_{sat}: 3.60 A	I_{sat}: 4.50 A	I_{sat}: 2.75 A	I_{sat}: 5.50 A
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EMC & Inductive Solutions

EMC COMPONENTS
INDUCTORS
TRANSFORMERS
RF COMPONENTS
CONNECTORS
VARISTORS



Please check datasheets on www.we-online.com for specifications.

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