



SIZE: (a x b x c in mm)

12.0x12.0x10.0 12.0x12.0x8.0

12.0x12.0x6.0 7.0x7.0x 4.5

10.0 x 10.0 x 3.8 10.0x9.0 x 5.4

TECHNICAL DATA:

L_0 : 4.7 - 100 μ H

DCR_{max} : 0.011 - 0.38 Ω

I_{sat} : 0.75 - 13.00 A

I_N : 0.79 - 9.30 A

Design Kit for Simple Switcher® Suitable for

LM25574/LM25575/LM25576/LM5574/LM5575/LM5576



Design Kit for Simple Switcher®

Suitable for LM25574/LM25575/LM25576/LM5574/LM5575/LM5576

WE-PD „XXL”	WE-PD „XXL”	WE-PD „XL”	WE-PD „L”	WE-PD „M”	WE-TPC „XLH”	WE-PD2 „XL”
SIZE: 12 x 12 x 10	SIZE: 12 x 12 x 10	SIZE: 12 x 12 x 8.0	SIZE: 12 x 12 x 6.0	SIZE: 7 x 7 x 4.5	SIZE: 10 x 10 x 3.8	SIZE: 10 x 9 x 5.4
744 7709 004	744 709 330	744 770 133	744 771 133	744 7779 133	744 066 220	744 776 133
L_o : 4.7 μ H	L_o : 33 μ H	L_o : 33 μ H	L_o : 33 μ H	L_o : 33 μ H	L_o : 22 μ H	L_o : 33 μ H
DCR_{max} : 0.011 Ω	DCR_{max} : 0.045 Ω	DCR_{max} : 0.064 Ω	DCR_{max} : 0.057 Ω	DCR_{max} : 0.170 Ω	DCR_{max} : 0.075 Ω	DCR_{max} : 0.120 Ω
I_{sat} : 13.00 A	I_{sat} : 5.50 A	I_{sat} : 3.60 A	I_{sat} : 3.00 A	I_{sat} : 1.40 A	I_{sat} : 2.30 A	I_{sat} : 1.89 A
I_N : 9.30 A	I_N : 4.20 A	I_N : 3.20 A	I_N : 2.68 A	I_N : 1.13 A	I_N : 2.50 A	I_N : 1.78 A
744 7709 006	744 7709 390	744 770 139	744 771 139	744 7779 139	744 066 330	744 776 139
L_o : 6.8 μ H	L_o : 39 μ H	L_o : 39 μ H	L_o : 39 μ H	L_o : 39 μ H	L_o : 33 μ H	L_o : 39 μ H
DCR_{max} : 0.014 Ω	DCR_{max} : 0.056 Ω	DCR_{max} : 0.073 Ω	DCR_{max} : 0.068 Ω	DCR_{max} : 0.230 Ω	DCR_{max} : 0.112 Ω	DCR_{max} : 0.140 Ω
I_{sat} : 12.80 A	I_{sat} : 5.00 A	I_{sat} : 3.50 A	I_{sat} : 2.74 A	I_{sat} : 1.23 A	I_{sat} : 1.80 A	I_{sat} : 1.80 A
I_N : 8.40 A	I_N : 4.10 A	I_N : 3.00 A	I_N : 2.49 A	I_N : 1.11 A	I_N : 2.10 A	I_N : 1.62 A
744 7709 100	744 7709 470	744 770 147	744 771 147	744 7779 147	744 066 470	744 776 147
L_o : 10.0 μ H	L_o : 47 μ H	L_o : 47 μ H	L_o : 47 μ H	L_o : 47 μ H	L_o : 47 μ H	L_o : 47 μ H
DCR_{max} : 0.021 Ω	DCR_{max} : 0.060 Ω	DCR_{max} : 0.10 Ω	DCR_{max} : 0.075 Ω	DCR_{max} : 0.260 Ω	DCR_{max} : 0.16 Ω	DCR_{max} : 0.170 Ω
I_{sat} : 10.50 A	I_{sat} : 4.50 A	I_{sat} : 3.00 A	I_{sat} : 2.60 A	I_{sat} : 1.10 A	I_{sat} : 1.85 A	I_{sat} : 1.62 A
I_N : 7.10 A	I_N : 3.80 A	I_N : 2.70 A	I_N : 2.21 A	I_N : 1.03 A	I_N : 1.75 A	I_N : 1.45 A
744 7709 150	744 7709 680	744 770 168	744 771 168	744 7779 168	744 066 680	744 776 168
L_o : 15.0 μ H	L_o : 68 μ H	L_o : 68 μ H	L_o : 68 μ H	L_o : 68 μ H	L_o : 68 μ H	L_o : 68 μ H
DCR_{max} : 0.026 Ω	DCR_{max} : 0.089 Ω	DCR_{max} : 0.14 Ω	DCR_{max} : 0.12 Ω	DCR_{max} : 0.380 Ω	DCR_{max} : 0.216 Ω	DCR_{max} : 0.220 Ω
I_{sat} : 8.00 A	I_{sat} : 3.60 A	I_{sat} : 2.50 A	I_{sat} : 2.19 A	I_{sat} : 0.95 A	I_{sat} : 1.50 A	I_{sat} : 1.49 A
I_N : 6.50 A	I_N : 3.20 A	I_N : 2.30 A	I_N : 1.91 A	I_N : 0.87 A	I_N : 1.50 A	I_N : 1.19 A
744 7709 220	744 7709 101	744 770 20	744 771 20	744 7779 20	744 066 101	744 776 20
L_o : 22.0 μ H	L_o : 100 μ H	L_o : 100 μ H	L_o : 100 μ H	L_o : 100 μ H	L_o : 100 μ H	L_o : 100 μ H
DCR_{max} : 0.028 Ω	DCR_{max} : 0.11 Ω	DCR_{max} : 0.22 Ω	DCR_{max} : 0.16 Ω	DCR_{max} : 0.380 Ω	DCR_{max} : 0.30 Ω	DCR_{max} : 0.350 Ω
I_{sat} : 6.50 A	I_{sat} : 3.10 A	I_{sat} : 2.40 A	I_{sat} : 1.70 A	I_{sat} : 0.75 A	I_{sat} : 1.20 A	I_{sat} : 1.10 A
I_N : 5.30 A	I_N : 2.50 A	I_N : 2.20 A	I_N : 1.53 A	I_N : 0.79 A	I_N : 1.20 A	I_N : 1.02 A
I_{sat} based on -10% drop of L_o I_N based on temp rise of 40°C	I_{sat} based on -10% drop of L_o I_N based on temp rise of 40°C	I_{sat} based on -10% drop of L_o I_N based on temp rise of 40°C	I_{sat} based on -10% drop of L_o I_N based on temp rise of 40°C	I_{sat} based on -10% drop of L_o I_N based on temp rise of 40°C	I_{sat} based on -35% drop of L_o I_N based on temp rise of 30°C	I_{sat} based on -10% drop of L_o I_N based on temp rise of 40°C

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Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype [ameyasales1](#) [ameyasales2](#)

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com