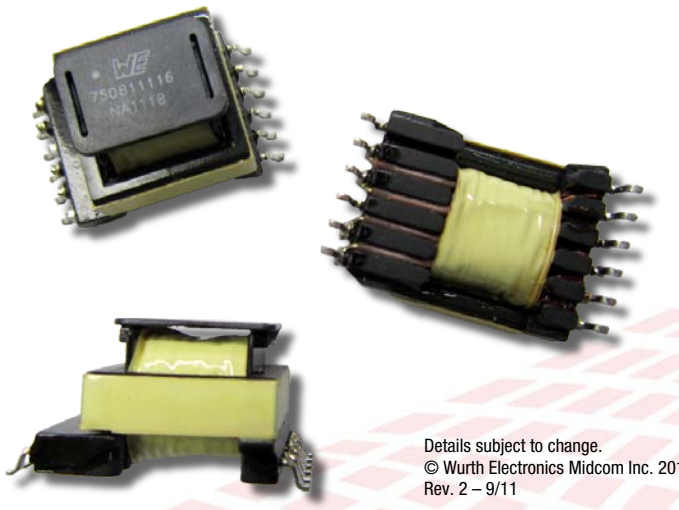
Surface Mount Offline Transformer

Midcom

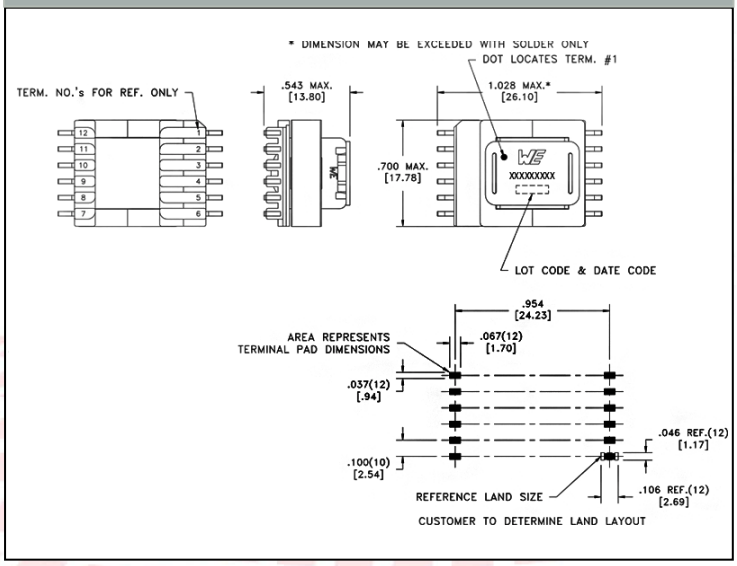
WÜRTH ELEKTRONIK

Surface Mount Offline Transformer for LED Lighting



Details subject to change.
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Rev. 2 – 9/11

Mechanical



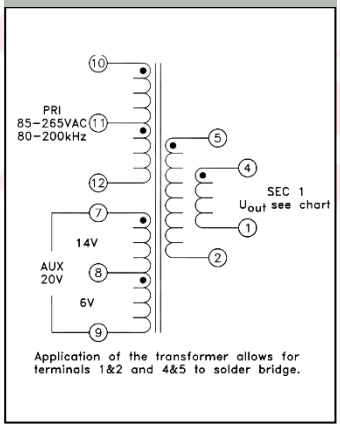
Characteristics

- Surface mount design
- Designed to IEC60950-1, for reinforced 400V_{DC}
- 3kV_{AC} Isolation
- Multiple output voltage options
- Flexible auxiliary voltage taps

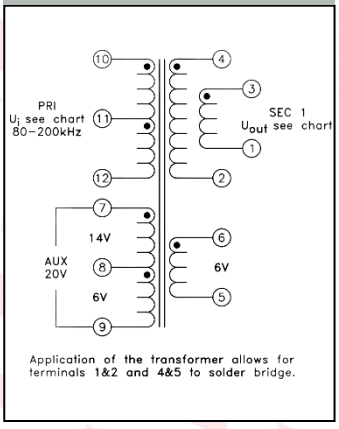
Applications

- LED lighting
- Offline power supplies

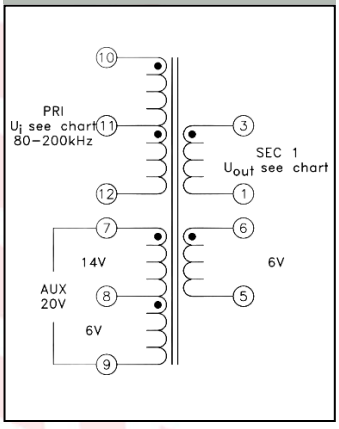
Schematic 1



Schematic 2



Schematic 3



Electrical Properties

Order Code	U_i (V_{AC})	L (mH)	I_{SAT} (A)	N_P:N_S:N_{AUX}	f_{switch} (kHz)	U_{out} (V)	I_{01} (A)	Schematic	I_{02} (A)	U_{AUX}	U_T
750811116	85-265V	1.31	0.80	23.3:1:3.8	80-200	5V	2.55A	1	N/A	6 & 14 or 20V	3kV_{AC}
750811137	85-265V	1.39	0.74	9.7:1:1.57	80-200	12V	1.050A	1	N/A	6 & 14 or 20V	3kV_{AC}
750813530	85-130V	1.50	0.62	21.7:2.3:1:2.7	80-200	15 & 6 or 21V	0.535A	2	0.535A	6 & 14 or 20V	3kV_{AC}
750813540	85-130V	1.25	0.80	21.3:3.8:1:3.2	80-200	25 & 6 or 31V	0.400A	3	0.400A	6 & 14 or 20V	3kV_{AC}
750813551	85-130V	1.50	0.62	21.3:5.3:1:3.2	80-200	35 & 6 or 41V	0.285A	3	0.285A	6 & 14 or 20V	3kV_{AC}
750815530	195-265V	8.00	0.27	48:2.3:1:3.2	80-200	15 & 6 or 21V	0.520A	2	0.520A	6 & 14 or 20V	3kV_{AC}
750815542	195-265V	5.00	0.39	51:3.8:1:3.2	80-200	25 & 6 or 31V	0.500A	3	0.500A	6 & 14 or 20V	3kV_{AC}
750815550	195-265V	6.00	0.33	52:5.6:1:3.4	80-200	35 & 6 or 41V	0.325A	3	0.325A	6 & 14 or 20V	3kV_{AC}