

# WURTH ELECTRONICS Transformers



RoHS Compliant This page of product is compliant.

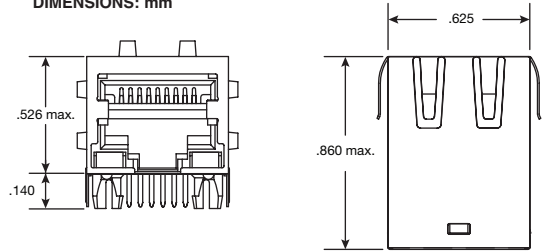
## WE-LAN RJ45 INTEGRATED 10/100/1000 BASE TRANSFORMERS

- Features:**
- HPLE - High Performance & Low EMI
  - For electrical and technical details please check the according data sheet
  - 1x1 RJ45 Connector with integrated Transformer and two current compensated chokes
  - Operating temperature: 0 °C to +70 °C
  - 350µH min. OCL with 8 mA bias
  - IEEE 802.3 conform
  - Internal Magnetics 100% electrically tested for HiPot and functionality

- Applications:**
- ADSL Modems
  - Embedded PC
  - LAN Network applications
  - Hub, Router, Switches



DIMENSIONS: mm



For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Wurth Electronics Part No.	Application	Application Type	LED (left-right)	Tab Direction	Ports	Insertion Loss (MHz)	Dielectric Rating (Vrms)	Price Each		
									1	25	100
710-74990111215	74990111215	10/100 Base-T	STD	Y-G	Down	1 x 1	1-100	1500	9.77	8.13	7.21
710-7498011241	7498011241	10/100 Base-T	STD SMD	G-Y/G	Up	1 x 1	1-100	1500	9.77	8.13	7.21
710-7499211123	7499211123	10/100 Base-T	PoE	Y-G	Down	1 x 1	1-100	1500	12.31	10.23	9.07
710-7499211121	7499211121	10/100 Base-T	PoE	Y-G	Down	1 x 1	1-100	1500	16.80	14.00	12.40
710-7499411122	7499411122	10/100 Base-T	PoE +	Y-G	Up	1 x 1	1-100	1500	17.79	14.83	13.13
710-7499111614	7499111614	1000 Base-T	STD	G/O-Y	Up	1 x 1	1-100	1500	18.84	15.71	13.91
710-7499311611	7499311611	1000 Base-T	PoE	G/O-Y	Up	1 x 1	1-100	1500	19.96	16.64	14.73
710-7499511611	7499511611	1000 Base-T	PoE +	G/O-Y	Up	1 x 1	1-100	1500	21.14	17.63	15.60

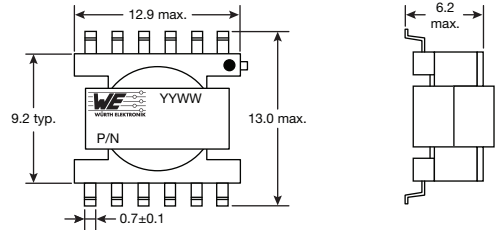
## POWER-OVER-ETHERNET TRANSFORMERS WE-POE

- Features:**
- Input voltage 36V - 57V
  - Switching frequencies 200 - 300 kHz
  - Operating temperature -40°C to +125°C
  - Hipot test 1.5kVAC / 1 min.
  - Various output and output voltages possible

- Applications:**
- Flyback transformers designed for Power-over-Ethernet PDs
  - Flyback converters with 36V - 57V input voltage
  - Suitable for Power-over-Ethernet IC's



DIMENSIONS: mm



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MOUSER STOCK NO.	Wurth Electronics Part No.	Inductance	Leakage Inductance max. (µH)	Output Voltage (V)	Output Current (A)	Output Power (W)	Price Each		
							1	25	100
710-749119133	749119133	400	4	3.3	3 x 0.4	4	9.40	7.83	6.94
710-749119150	749119150	400	4	5	3 x 27	4	9.40	7.83	6.94
710-749119218	749119218	210	4.5	1.8	3 x 1.3	7	9.98	7.83	7.36
710-749119233	749119233	210	2.5	3.3	0.7 / 1.4	7	9.98	7.83	7.36
710-749119250	749119250	210	2.5	5	3 x 0.47	7	9.98	7.83	7.36
710-7491192912	7491192912	210	2.5	12 / 5 / 3.3	0.58	7	9.98	7.83	7.36
710-7491199332	7491199332	35	0.95	3.3 / 5 / 5.5	2 / 1 / 0.05	13	10.57	8.79	7.79
710-7491199312	7491199312	40	0.56	12	1.25	13	10.57	8.79	7.79
710-7491199112	7491199112	127	1.3	12	2 x 0.55	13	10.57	8.79	7.79
710-7491199212	7491199212	127	2.3	12	2 x 0.55	13	10.57	8.79	7.79
710-749119933	749119933	127	3.5	3.3	2 x 2	13	10.57	8.79	7.79
710-7491199331	7491199331	127	3.5	3.3	2 x 2	13	10.57	8.79	7.79
710-749119950	749119950	127	1.3	5	2 x 1.3	13	10.57	8.79	7.79
710-7491199501	7491199501	127	2.5	5	2 x 1.3	13	10.57	8.79	7.79

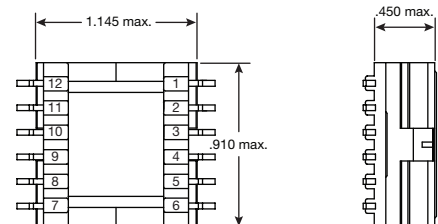
## POWER-OVER-ETHERNET TRANSFORMERS WE-POE PLUS

- Features:**
- Input voltage 36V - 72V
  - Switching frequencies 250-400 kHz
  - Operating temperature -40°C to +125°C
  - Hipot test 1.5kVAC / 1 min.

- Applications:**
- PoE + Powered devices
  - IP Phones
  - WLAN-Access points
  - Security cameras



DIMENSIONS: mm



For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Wurth Electronics Part No.	Inductance (µH)	Turns Ratio	Output Voltage (V)	Output Current (A)	Auxiliary Voltage (V)	Price Each		
							1	25	100
710-749119433	749119433	42	11:1.3.3	3.3	9	11	11.62	9.66	8.56
710-749119450	749119450	65	7:1.3	5	6	15	11.62	9.66	8.56
710-7491194501	7491194501	42	7:1.2.25	5	6	12	11.62	9.66	8.56
710-7491194912	7491194912	42	3:1.1	12	2.5	12	11.62	9.66	8.56

