

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

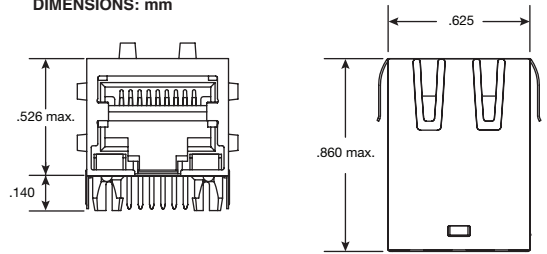
Applications:

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



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DIMENSIONS: mm



For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Würth Electronics Part No.	Application	Application Type	LED (left-right)	Tab Direction	Ports	Insertion Loss (MHz)	Dielectric Rating (Vrms)	Price Each		
									1	25	100
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	13.86	11.55	10.23
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	16.80	14.00	12.40
710-7499111614	7499111614	1000 Base-T	STD	G/O-Y	Up	1 x 1	1-100	1500	14.49	12.08	10.69
710-7499311611	7499311611	1000 Base-T	PoE	G/O-Y	Up	1 x 1	1-100	1500	17.64	14.70	13.02
710-7499511611	7499511611	1000 Base-T	PoE +	G/O-Y	Up	1 x 1	1-100	1500	20.58	17.15	15.19

Transformers

Würth Electronics

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

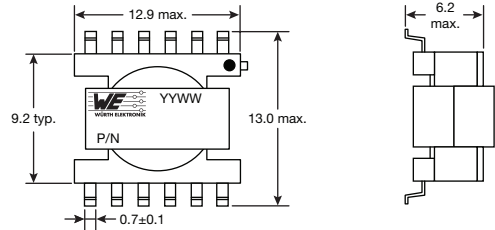
Applications:

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



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DIMENSIONS: mm



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MOUSER STOCK NO.	Würth 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	12.00	10.00	8.50
710-7491199312	7491199312	40	0.56	12	1.25	13	12.00	10.00	8.50
710-7491199112	7491199112	127	1.3	12	2 x 0.55	13	12.00	10.00	8.50
710-7491199212	7491199212	127	2.3	12	2 x 0.55	13	12.00	10.00	8.50
710-749119933	749119933	127	3.5	3.3	2 x 2	13	12.00	10.00	8.50
710-7491199331	7491199331	127	3.5	3.3	2 x 2	13	12.00	10.00	8.50
710-749119950	749119950	127	1.3	5	2 x 1.3	13	12.00	10.00	8.50
710-7491199501	7491199501	127	2.5	5	2 x 1.3	13	12.00	10.00	8.50

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.

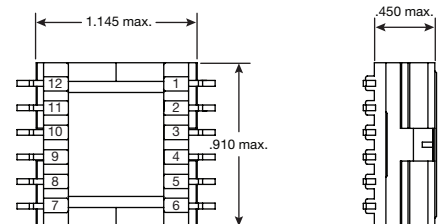
Applications:

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



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DIMENSIONS: mm



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MOUSER STOCK NO.	Würth 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	13.20	11.00	6.82
710-749119450	749119450	65	7:1:3	5	6	15	13.20	11.00	6.82
710-7491194501	7491194501	42	7:1:2.25	5	6	12	13.20	11.00	6.82
710-7491194912	7491194912	42	3:1:1	12	2.5	12	13.20	11.00	6.82