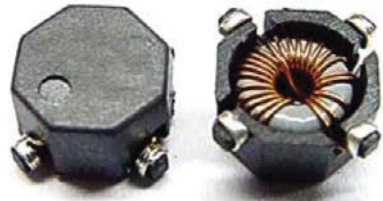




### OWIX114 TYPE

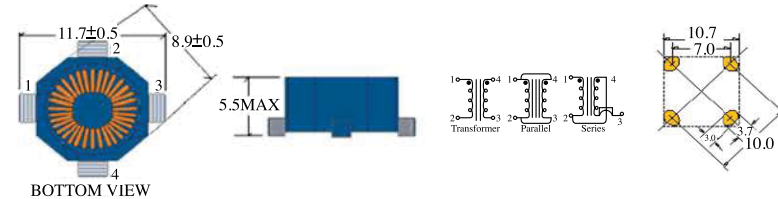


#### FEATURES

- 1. Maximum power Density
- 2. Engineered to Provide High Efficiency through Toridal Design.

#### APPLICATIONS

- 1. 1:1 Coupled Inductors and 1:1 Isolation Transformers
- 2. Low EMI Radiation
- 3. Models Available for Full Load Current Range of 0.32 to 5.5ADC
- 4. Available in tape-and Reel Packaging for Pick and-Place Utilization.



### ELECTRICAL CHARACTERISTICS FOR OWIX114 SERIES

Part Number	PARALLEL				SERIES			
	Open Circuit Inductance $\mu\text{H} \pm 20\%$	Full Load Inductance $\mu\text{H min}$	Full Load Current Adc	DC Resistance ohms max.	Open Circuit Inductance $\mu\text{H} \pm 20\%$	Full Load Inductance $\mu\text{H min}$	Full Load Current Adc	DC Resistance ohms max.
OWIX114-R47	0.47	0.31	5.50	0.009	1.67	1.25	2.75	0.040
OWIX114-R68	0.68	0.43	5.10	0.011	2.40	1.74	2.55	0.045
OWIX114-1R2	1.2	0.73	4.50	0.014	4.28	2.92	2.55	0.056
OWIX114-2R2	2.2	1.36	3.40	0.018	8.08	5.44	1.70	0.070
OWIX114-4R7	4.7	3.37	2.00	0.041	18.8	13.47	1.00	0.161
OWIX114-8R0	8.0	5.31	1.80	0.052	32.33	21.23	0.90	0.208
OWIX114-9R6	9.6	6.23	1.70	0.057	38.48	24.94	0.85	0.227
OWIX114-150	15	9.62	1.40	0.087	60.12	38.47	0.70	0.348
OWIX114-200	20	14.12	1.00	0.159	81.83	56.47	0.50	0.634
OWIX114-250	25	17.07	0.96	0.177	101.60	68.29	0.48	0.708
OWIX114-320	32	22.27	0.80	0.251	129.32	89.06	0.40	1.001
OWIX114-500	50	33.57	0.70	0.316	202.07	134.27	0.35	1.263
OWIX114-680	68	43.65	0.66	0.373	273.61	174.61	0.33	1.490
OWIX114-101	100	63.64	0.54	0.557	396.06	254.55	0.27	2.227
OWIX114-151	150	96.64	0.44	0.844	602.87	386.56	0.22	3.376
OWIX114-201	200	130.79	0.36	1.208	793.65	523.16	0.18	4.831
OWIX114-301	300	190.05	0.32	1.525	1199.46	760.19	0.16	6.100

- 1. Open Circuit Inductance Test Parameters: 100KHZ, 0.250V  
Parallel: (1, 4-3, 2) Series: (1-3) tie (2-4).
- 2. RMS current, delta temp. of 40 °C ambient temperature of 85 °C.

- 3. Peak current for approximately 30% roll-off.
- 4. Hi-pot rating: winding to winding: 300Vdc min.
- 5. Turns Ratio: (1-2) : (4-3) 1:1