



Nominal Color Code Bands = Silver, First Band, Second Band, Multiplier, Tolerance

## FEATURES

- Uniform body size
- High reliability
- High Q
- Standard tape and reel packaging
- Ideal for automatic insertion
- Magnetically shielded for low radiation
- Intermediate values available

## APPLICATIONS

- Switching power supplies
- RF/EMI filtering
- Power filter networks
- SCR and Triac control circuits
- Power amplifiers

Wilco Part Number	Inductance (uh)	Tolerance (%)	Q Min.	Test Freq. (MHz)	DCR Max. (Ohms)	Rated Current (mA)	Incremental Current (mA)
WALS12-R10K	0.10	10	50	25	0.026	3000	3000
WALS12-R33K	0.33	10	47	25	0.122	1400	1400
WALS12-R56K	0.56	10	45	25	0.290	900	900
WALS12-1R0K	1	10	42	7.9	0.054	2080	2080
WALS12-3R3K	3.3	10	41	7.9	0.260	950	950
WALS12-5R6K	5.6	10	42	7.9	0.511	680	680
WALS12-100K	10	10	46	2.5	1.27	432	432
WALS12-330K	33	10	50	2.5	0.928	505	190
WALS12-560K	56	10	55	2.5	1.64	380	160
WALS12-101K	100	10	65	0.79	2.28	322	120
WALS12-331K	330	10	65	0.79	5.1	215	65
WALS12-561K	560	10	70	0.79	8	174	55
WALS12-102K	1000	10	65	0.79	12.1	139	40
WALS12-332K	3300	10	70	0.25	33.3	85	22
WALS12-562K	5600	10	70	0.25	54.6	65	17
WALS12-103K	10000	10	70	0.25	93.1	50	14
WALS12-333K	33000	10	50	0.079	222	32	7.5
WALS12-563K	56000	10	50	0.079	362	25	5
WALS12-104K	100000	10	50	0.079	484	22	3

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Rated Current: Based on temp. rise not to exceed 35° C at 90° C ambient temp.  
Incremental Current: DC current required to cause a maximum reduction of 5% in inductance for nominal value of inductance measured with zero DC current.  
Shielding: <3% coupling units side by side at 1 Khz.  
Operating Temp.: -55° C to 125° C.  
Design: To meet MIL-C-15305, Grade 1, Class B.  
Normal Packaging (tape & reel): 3000 pieces per reel.