



# OWICH664 SERIES HS

2002/95/EC

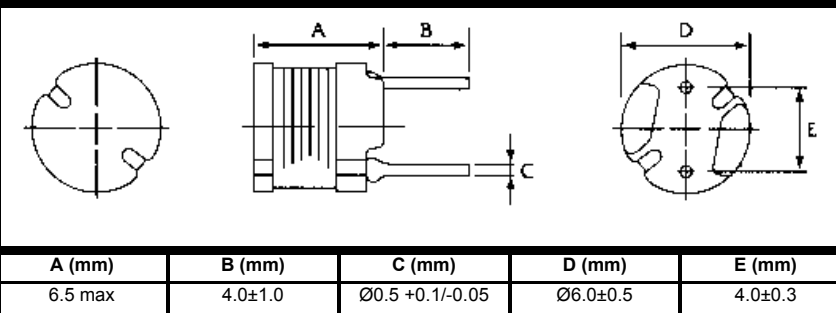
## Electrical Characteristics

Part Number	Inductance uH	Test Freq Hz	Q Typ	DCR max. Ω	Rated DC Current A	Saturation Current A
OWICH664-220	22	2.52M		0.11	1.27	
OWICH664-270	27	2.52M		0.14	1.14	
OWICH664-330	33	2.52M		0.17	1.03	
OWICH664-390	39	2.52M		0.19	0.95	
OWICH664-470	47	2.52M		0.23	0.87	
OWICH664-560	56	2.52M		0.26	0.80	
OWICH664-680	68	2.52M		0.28	0.72	
OWICH664-820	82	2.52M		0.39	0.66	
OWICH664-101	100	1.00K		0.43	0.59	
OWICH664-121	120	1.00K		0.54	0.54	
OWICH664-151	150	1.00K		0.64	0.48	
OWICH664-181	180	1.00K		0.74	0.44	
OWICH664-221	220	1.00K		0.96	0.40	
OWICH664-271	270	1.00K		1.12	0.36	
OWICH664-331	330	1.00K		1.48	0.33	
OWICH664-391	390	1.00K		1.66	0.30	
OWICH664-471	470	1.00K		1.91	0.27	
OWICH664-561	560	1.00K		2.31	0.25	
OWICH664-681	680	1.00K		2.67	0.23	
OWICH664-821	820	1.00K		3.10	0.21	
OWICH664-102	1000	1.00K		4.45	0.19	

### NOTES:

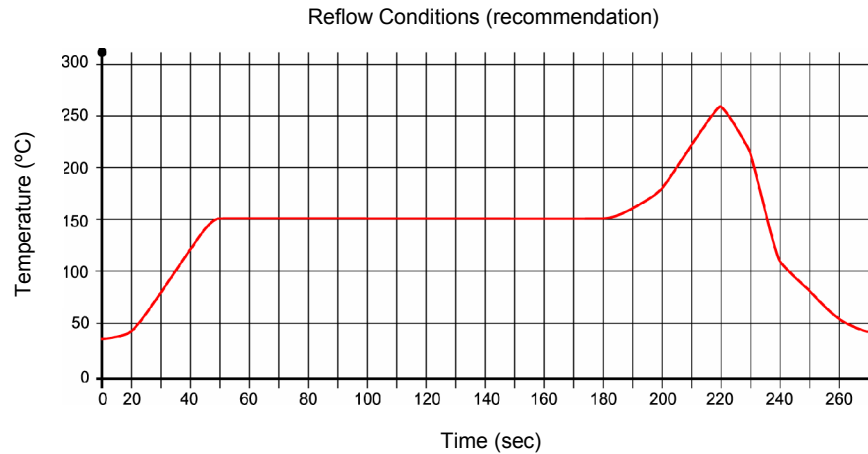
- The rated D.C. current indicates the value of current when the inductance is 10% lower than its initial value at D.C current when at  $\Delta T = 40^\circ$  whichever is lower. ( $T_a = 20^\circ\text{C}$ ).
- Tolerance of inductance 22uH – 1.0mH  $\pm 10\%$ (K)

## Dimensions (mm)





## Lead-Free Solder Profile



The temperature is slowly increased from ambient of 25°C to 150°C over the first 45 seconds. This is held for the next 125 seconds until it is quickly steady to 220°C, this is increased to and held for 10 seconds at 260°C. Over the next 50 seconds the reflow is cooled from the peak of 260°C back down to 25°C. The reflow ends after 280 seconds.

The reflow condition recommended above is according to the machine used by Ole Wolff Electronics. Differences may occur as a result of the type of machine, reflow conditions, methods, using alternative. Before setting up your reflow conditions, please verify with the above figure. Please feel free to speak to the sales office if you require any assistance.

## Packaging Specifications

### Revision Notes

Name	Version No.	Details	Date