



FEATURES

- RoHS compliant
- Toroidal construction
- Low radiated emissions
- Inductance range from 30µH to 220µH
- Up to 3.5A loc
- UL 94V-0 package material

DESCRIPTION

The 803 series comprises six inductors which are ideal for applications where a high-quality, low-noise device is required. They are particularly suitable for use in switching power supplies and power filtering circuits.



803 Series

Horizontal Mount Toroidal Inductors

 0° C to $+70^{\circ}$ C

300°C

Bright tin

-55°C to +125°C

Order Code	Inductance	DC Current	DC Resistance	Outline Dimensions			Footprint
	±10%	Max.	Max.	а	b	C	Ød
	μH	А	Ω	mm (in)	mm (in)	mm (in)	mm (in)
80301C	75	1.0	Discor 0.10	tinued			
80302C	150	1.0	0.14	22.0 (0.87)	11.0 (0.43)	0.56 (0.022)	1.1 (0.043)
80303C	75	1.0	0.064	28.3 (1.11)	14.8 (0.58)	0.85 (0.033)	1.7 (0.067)
80304C	150	3.5	0.09				
80305C	30	2.0	0.60	22.0 (0.87)	11.0 (0.43)	0.56 (0.022)	1.1 (0.043
80306C	220	3.0	0.10	28.3 (1.11)	14.8 (0.58)	0.85 (0.033)	1.7 (0.067

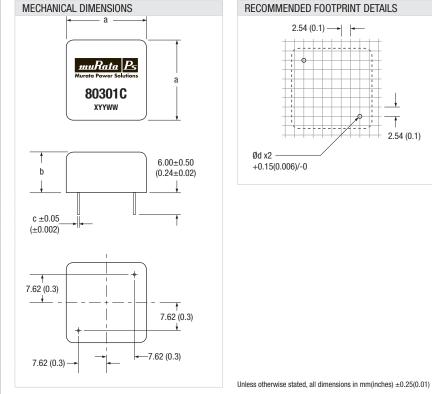
ABSOLUTE MAXIMUM RATINGS	
Operating free air temperature range	
Storage temperature range	

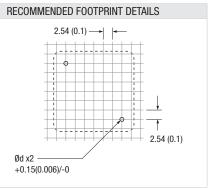
SOLDERING INFORMATION¹

Peak wave solder temperature

Pin finish

PACKAGE SPECIFICATIONS





All specifications typical at $T_{\rm A}{=}25^{\circ}{\rm C}$

1 For further information, please visit www.murata-ps.com/rohs

Horizontal Mount Toroidal Inductors

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