



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

Order Code	Inductance	DC Current	DC Resistance	Outline Dimensions			Footprint
	±10%	Max.	Max.	а	b	С	Ød
	μH	А	Ω	mm (in)	mm (in)	mm (in)	mm (in)
00004.0	75	10		tinued			
80301C 80302C	75 150	1.0	0.10	22.0 (0.87)	11.0 (0.43)	0.56 (0.022)	1.1 (0.043)
80303C	75	1.0	0.064				
80304C	150	3.5	0.09	28.3 (1.11)	14.8 (0.58)	0.85 (0.033)	1.7 (0.067)
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

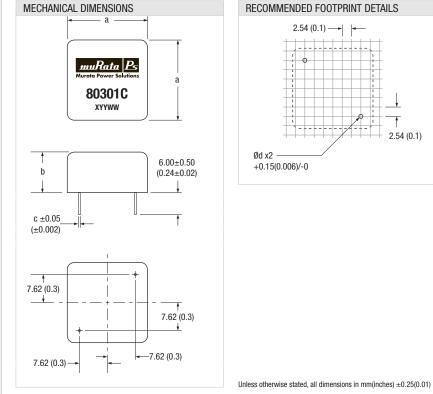
ABSOLUTE MAXIMUM RATINGS	
Operating free air temperature range	0°C to +70°C
Storage temperature range	-55°C to +125°C

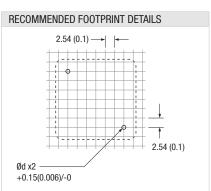
SOLDERING INFORMATION¹

Peak wave solder temperature

Pin finish

PACKAGE SPECIFICATIONS





300°C

Bright tin

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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