803 Series

Horizontal Mount Toroidal Inductors

 0° C to $+70^{\circ}$ C

300°C

Bright tin

-55°C to +125°C





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.



SELECTION GUIDE

SELECTION	UUIDE						
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)
To Be Discontinued							
80301C	75	1.0	0.10	22.0 (0.87)	11.0 (0.43)	0.56 (0.022)	1.1 (0.043)
80302C	150	1.0	0.14				
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

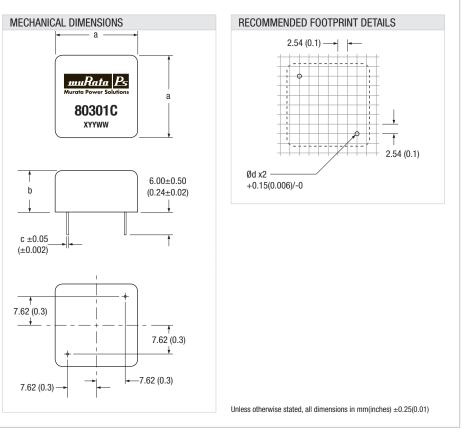
Storage temperature range

SOLDERING INFORMATION¹

Peak wave solder temperature Pin finish

n finish

PACKAGE SPECIFICATIONS



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

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



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