

Murata Power Solutions

5500 Series

15A Current Sensing Transformers

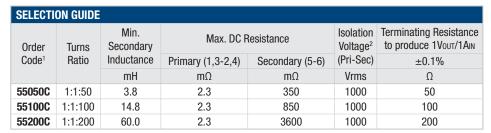


FEATURES

- RoHS compliant
- Primary current rating 15A⁴
- 50, 100, & 200 turn variants
- Primary to secondary isolation 1000Vrms
- 50kHz-500kHz frequency range
- Surface mount
- Industry-standard footprint
- UL94 V-0 package materials
- Tube or tape & reel packaging available
- J-STD-020C reflow

PRODUCT OVERVIEW

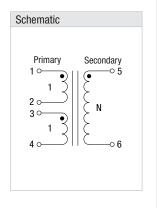
The 5500 series of current sense transformers are designed to monitor AC currents. The transformers can be used for high frequency current sensing in applications such as switched-mode power supplies, motor control, and electronic lighting ballasts.

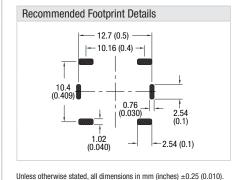


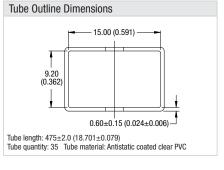
ABSOLUTE MAXIMUM RATINGS	
Operating free air temperature range	-40°C to 125°C
Storage temperature range	-40°C to 140°C

SOLDERING INFORMATION ³	
Peak reflow solder temperature	245°C
Pin finish	Reflowed tin

PACKAGE SPECIFICATIONS Mechanical Dimensions 2 1 5 Annon 14.6 nuRata Ps (0.575)55XXXC Max. **XYYWW** 12.6 (0.496)Max. 7.1 (0.280) Max. S x4 Places 0.13 (0.005) (\$) Weight = 1.7g Typ.







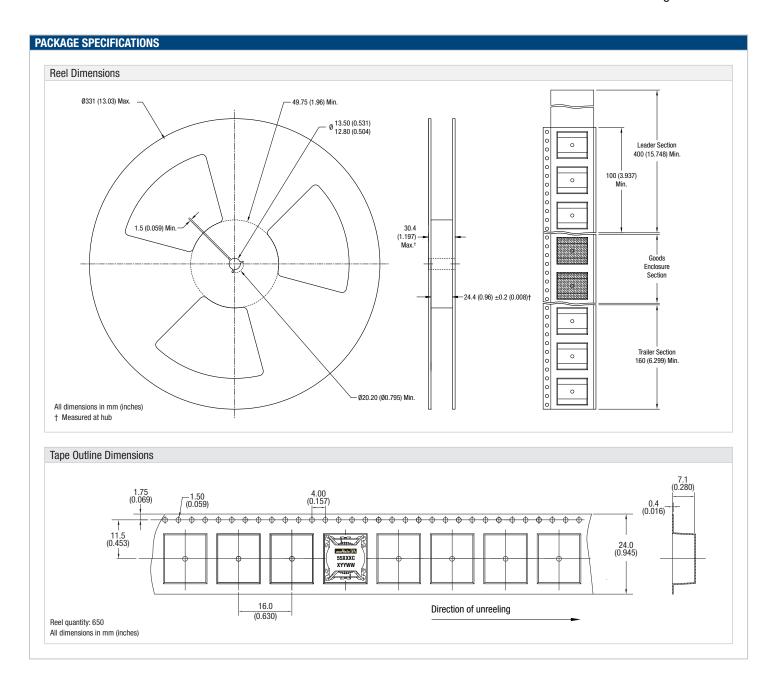
Specifications typical at T_a = 25°C

- 1. If components are required in tape and reel format suffix order code with -R, e.g. 55050C-R.
- 2. Flash tested for 1 second.
- 3. For further information, please visit www.murata-ps.com/rohs
- 4. Primary windings connected in parallel.





15A Current Sensing Transformers



Murata Power Solutions, Inc. 11 Cabot Boulevard, Mansfield, MA 02048-1151 U.S.A. ISO 9001 and 14001 REGISTERED

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