

Features

- Low profile and small size
- Designed to comply with IEC 62368
- Functional insulation for 400 Vrms continuous operation voltage
- Operating temperature: -40 °C to +125 °C
- RoHS compliant*

Applications

- Isolated RS-485/RS-232 power supplies
- Industrial automation
- AC motor drives
- Smart metering
- Solar inverters

PAD00x-T764 Series Push-Pull Isolation Transformer

General Specifications

Operating Temperature	-40 °C to +125 °C
Storage Temperature (with packaging)	-10 °C to +40 °C
Storage Temperature (without packaging)	40 °C to +125 °C
Current Rating	
HI-POT Pri / Sec	
Level of InsulationFunctional insulation	for a working voltage of 400 Vrms
	erial Group III, Pollution Degree 2
Moisture Sensitivity Level	1

Additional Information

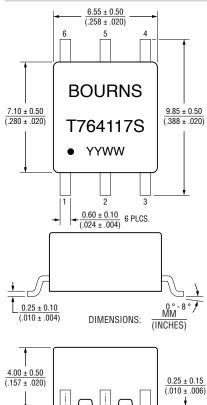
Click these links for more information:



Electrical Specifications @ 25 °C

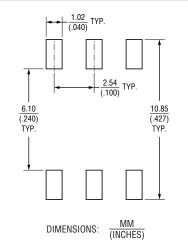
Bourns Part Number	Primary Inductance @100 kHz / 0.1 V Min. (μH)	Turns Ratio	Volt Microseconds Max. (V-µS)	DCR Max. (mΩ)	DCR Max. (mΩ)	Isolation Voltage (Volts RMS)
	(1-3)	(1-3) : (6-4)	(1-3)	(1-3)	(6-4)	(1-3) : (6-4)
PAD001-T764117S	475	1:1.7	11	650	900	3100
PAD001-T764120S	475	1:2	11	650	1000	3100
PAD002-T764111S	475	1:1.1	11	650	700	3100
PAD002-T764113S	475	1:1.3	11	650	800	3100

Product Dimensions



2.54 ± 0.20

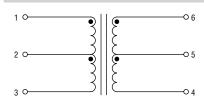
Recommended Layout



Materials

Core	
Wire	Copper
Case	DAP
Terminal Finish	Sn
Packaging 800	pcs. per 13-inch reel

Electrical Schematic



RoHS Directive 2015/863, Mar 31, 2015 and Annex.

Specifications are subject to change without notice.

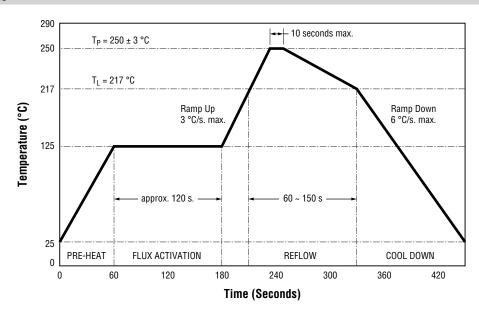
Users should verify actual device performance in their specific applications.

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Soldering Profile



Time within 5 °C of actual Peak Temperature (t _p)	20 ~ 40 s.
T _s min	150 °C
Te max	
T _s min. to T _s max	
25 °C to Peak Temperature	

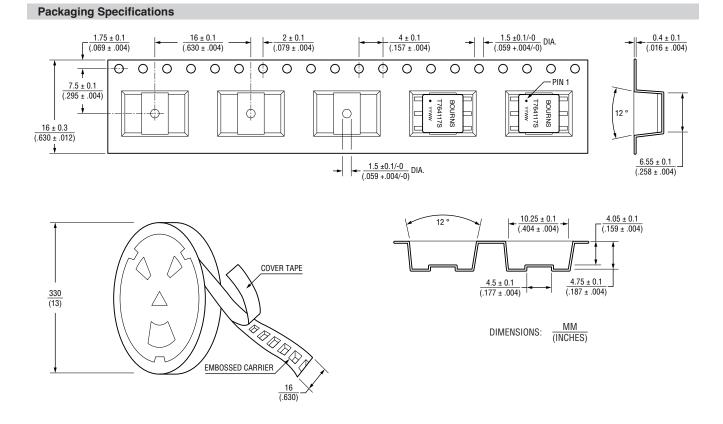
How to Order

Users should verify actual device performance in their specific applications.

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