

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

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General Specifications

PAD00x-T764 Series Push-Pull Isolation Transformer

•			
Operating Temperature		4	0 °C to +125 °C
Storage Temperature (with page			
Storage Temperature (without	packaging)	4	0 °C to +125 °C
Current Rating			
HI-POT Pri / Sec			
Level of Insulation	Functional insula	tion for a working volta	ge of 400 Vrms
		Material Group III. Po	

Additional Information

Click these links for more information:











LIBRARY

TECHNICAL INVENTORY SAMPLES

CONTACT

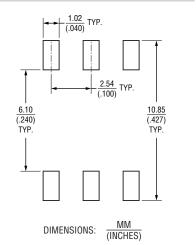
Electrical Specifications @ 25 °C

Moisture Sensitivity Level.....

Bourns Part Number	Primary Inductance @100 kHz / 0.1 V ±10 % (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 6.55 ± 0.50 (.258 ± .020) **BOURNS** 7.10 ± 0.50 9.85 ± 0.50 $(.280 \pm .020)$ (.388 ± .020) T764117S YYWW $-\frac{0.60 \pm 0.10}{(.024 \pm .004)}$ 6 PLCS. 0.25 ± 0.10 MM DIMENSIONS: (INCHES) 4.00 ± 0.50 $(.157 \pm .020)$ 0.25 ± 0.15 $(.010 \pm .006)$ $(.100 \pm .008)$

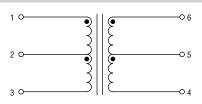
Recommended Layout



Materials

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

Electrical Schematic

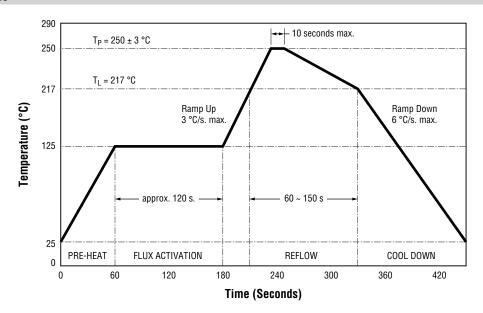


Users should verify actual device performance in their specific applications.

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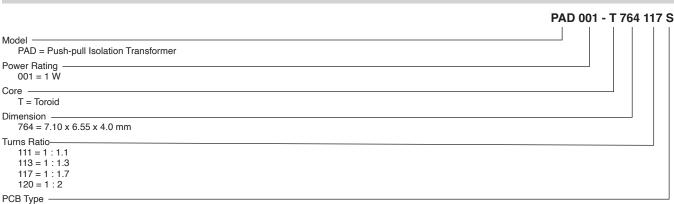
RoHS Directive 2015/863, Mar 31, 2015 and Annex. Specifications are subject to change without notice.

Soldering Profile



How to Order

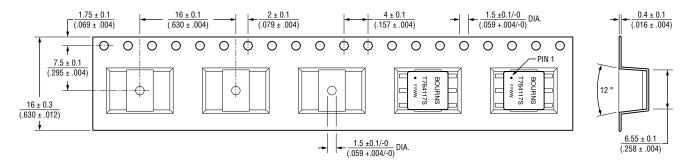
S = SMD

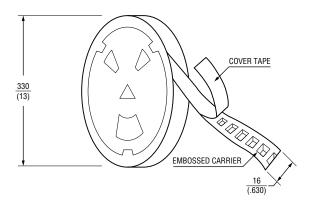


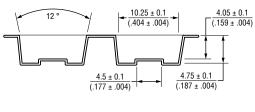
PAD00x-T764 Series Push-Pull Isolation Transformer

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Packaging Specifications







DIMENSIONS: $\frac{MM}{(INCHES)}$

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