

### **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
perating Temperature40 °C to +125 °C
torage Temperature (with packaging)10 °C to +40 °C
torage Temperature (without packaging)40 °C to +125 °C
urrent Rating
I-POT Pri / Sec3100 VAC / 1 mA / 2 s
evel of InsulationFunctional insulation for a working voltage of 400 Vrms
per IEC 62368, Material Group III, Pollution Degree 2
loisture Sensitivity Level1

#### **Additional Information**

Click these links for more information:









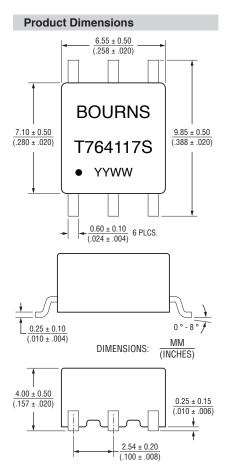


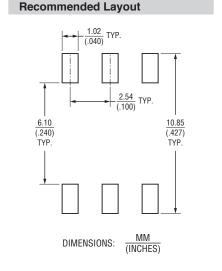
**Materials** 

INVENTORY SAMPLES

#### Electrical Specifications @ 25 °C

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





Case Terminal Finish	Copper DAP Sn pcs. per 13-inch reel				
Electrical Schematic					
1 0	• 6				
2 0	0.5				
3 0	\{-\				

Users should verify actual device performance in their specific applications.

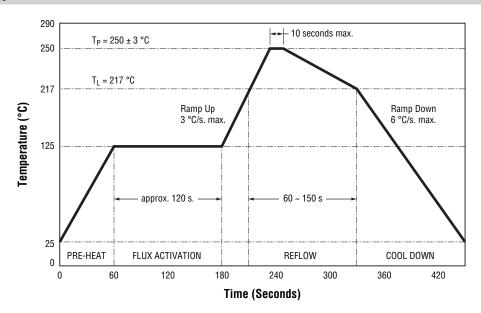
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RoHS Directive 2015/863, Mar 31, 2015 and Annex. Specifications are subject to change without notice.

## PAD00x-T764 Series Push-Pull Isolation Transformer

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#### **Soldering Profile**



### How to Order

S = SMD

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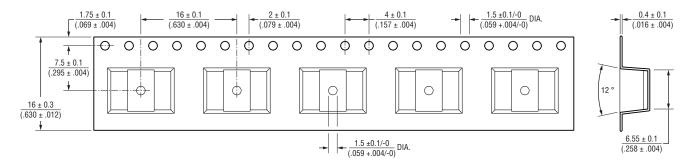
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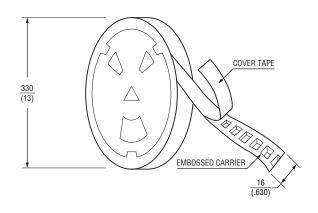
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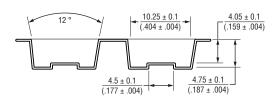
## PAD00x-T764 Series Push-Pull Isolation Transformer

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### **Packaging Specifications**







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

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REV. 08/21

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Users should verify actual device performance in their specific applications.

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