

#### **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 page 1)	ackaging)	10 °C to +40 °C
Storage Temperature (without packaging)		40 °C to +125 °C
Current Rating		350 mArms
HI-POT Pri / Sec		3100 VAC / 1 mA / 2 s
Level of Insulation	Functional insulation	on for a working voltage of 400 Vrms
	per IEC 62368. N	Material Group III. Pollution Degree 2

#### **Additional Information**

Click these links for more information:











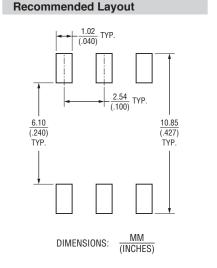
**Materials** 

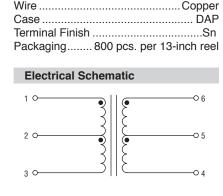
INVENTORY SAMPLES

#### 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	550	800	3100
PAD001-T764120S	475	1:2	11	550	850	3100
PAD002-T764111S	475	1:1.1	11	550	700	3100
PAD002-T764113S	475	1:1.3	11	550	750	3100

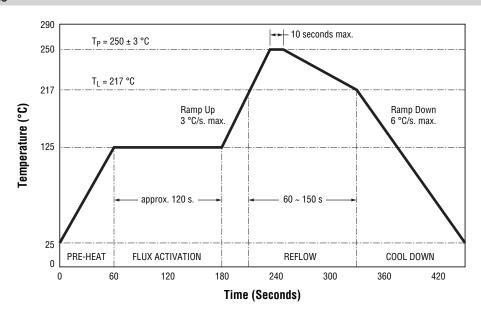
## **Product Dimensions** 6.55 ± 0.50 (.258 ± .020) **BOURNS** $7.10 \pm 0.50$ $9.85 \pm 0.50$ (.280 ± .020) (.388 ± .020) T764117S YYWW $\frac{0.60 \pm 0.10}{(.024 \pm .004)}$ 6 PLCS. 0°-8° $0.25 \pm 0.10$ MM DIMENSIONS: (INCHES) 4.00 ± 0.50 0.25 ± 0.15 (.157 ± .020) (010 + 006) $2.54 \pm 0.20$ (.100 + .008)





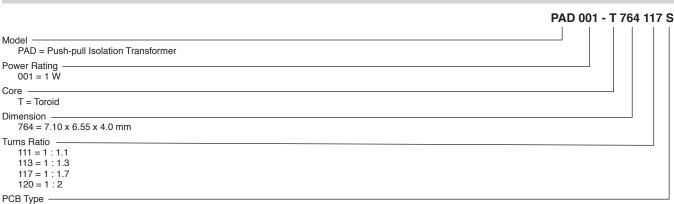
RoHS Directive 2015/863, Mar 31, 2015 and Annex. Specifications are subject to change without notice.

#### **Soldering Profile**



### **How to Order**

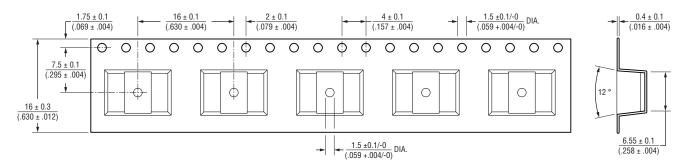
S = SMD

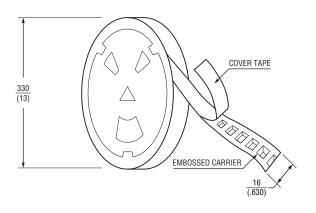


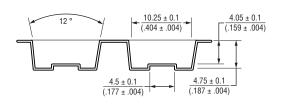
### PAD00x-T764 Series Push-Pull Isolation Transformer

## BOURNS

### **Packaging Specifications**







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

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