

Product designation

SAFETY PRINTED CIRCUIT BOARD TRANSFORMERS

Rated power

5.0 VA

Input voltage

117 V

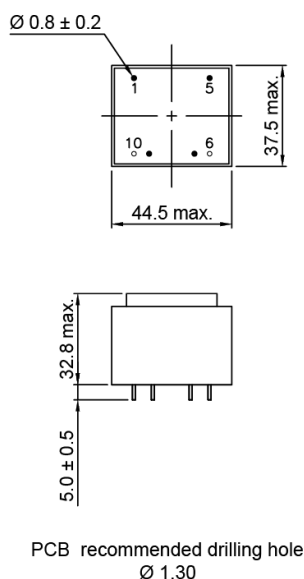
Ambient

T50B

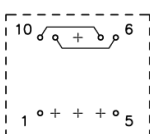
Size

EI42x14.8

I MECHANICAL CHARACTERISTICS - PINOUT

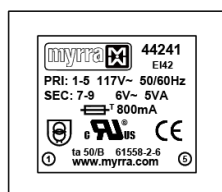


Recommended layout for transformers
with 1 secondary winding

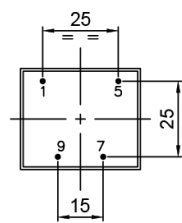
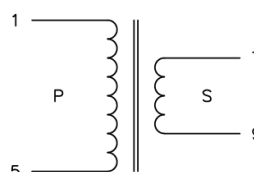


(Allows the use of a transformer
with 2 secondary windings)

Example of marking

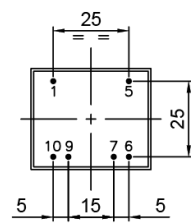
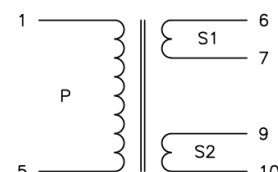


Single output



Row and pitch tolerance : ± 0.5

Double output



Row and pitch tolerance : ± 0.5

(Unit : mm)

II ELECTRICAL CHARACTERISTICS - ENVIRONMENTAL

EI42x14.8
5.0 VA - 117 V - T50B

Reference	Secondary voltage (V)	No load voltage (V)	Secondary current (mA)	Protection
44241	6	8.4	833	
44242	9	12.6	556	
44243	12	16.9	417	
44244	15	21.0	333	
44245	18	25.3	278	
44246	24	33.7	208	
44247	2 x 6	2 x 8.4	2 x 417	
44248	2 x 9	2 x 12.6	2 x 278	
44249	2 x 12	2 x 16.9	2 x 208	
44250	2 x 15	2 x 21.0	2 x 167	
44251	2 x 18	2 x 25.3	2 x 139	
44252	2 x 24	2 x 33.7	2 x 104	

Inherently short-circuit proof
Insulation voltage 4.0 kV
100 % tested production
Double sections bobbins
Under vacuum encapsulated
Self-extinguishing materials
UL94 V-0
Class B resin (IEC 85)
Operation temperature: -30/+50 °C
Storage temperature: +70 °C max.
IP00
Weight 180 g

III SAFETY - CERTIFICATIONS



EN 61558-2-6
EN 61558-2-4

EN 60950

UL 5085