

Product designation

SAFETY PRINTED CIRCUIT BOARD TRANSFORMERS

Rated power

2.3 VA

Input voltage

230 V

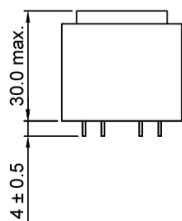
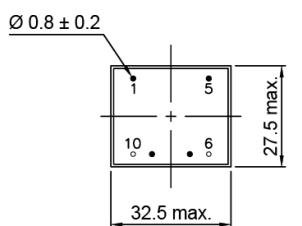
Ambient

T70B

Size

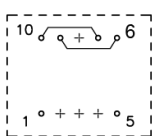
EI30x18

I MECHANICAL CHARACTERISTICS - PINOUT



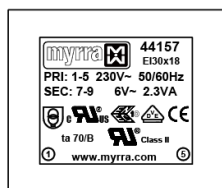
PCB recommended drilling hole
Ø 1.30

Recommended layout for transformers
with 1 secondary winding

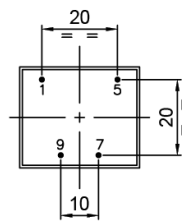
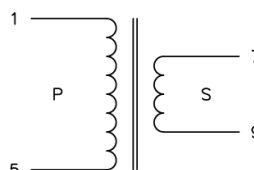


(Allows the use of a transformer
with 2 secondary windings)

Example of marking

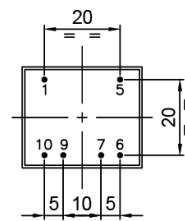
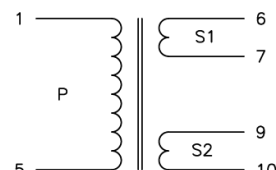


Single output



Row and pitch tolerance : ± 0.5

Double output



Row and pitch tolerance : ± 0.5

(Unit : mm)

II ELECTRICAL CHARACTERISTICS - ENVIRONMENTAL

EI30x18
2.3 VA - 230 V - T70B

Reference	Secondary voltage (V)	No load voltage (V)	Secondary current (mA)	Protection
44157	6	10.5	383	
44158	9	15.7	256	
44159	12	21.0	192	
44160	15	25.9	153	
44161	18	31.4	128	
44162	24	41.9	96	
44163	2 x 6	2 x 10.5	2 x 192	
44164	2 x 9	2 x 15.7	2 x 128	
44165	2 x 12	2 x 21.0	2 x 96	
44166	2 x 15	2 x 25.9	2 x 77	
44167 *	2 x 18	2 x 31.4	2 x 64	
44168 *	2 x 24	2 x 41.9	2 x 48	

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/+70 °C
Storage temperature: +70 °C max.
IP00
Weight 108 g

III SAFETY - CERTIFICATIONS



(*) compliant
but not approved



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

EN 60950

UL 5085