

Product designation

SAFETY PRINTED CIRCUIT BOARD TRANSFORMERS

Rated power

1.5 VA

Input voltage

230 V

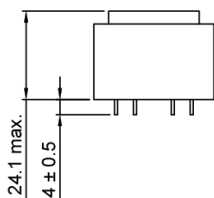
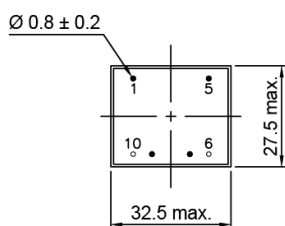
Ambient

T70B

Size

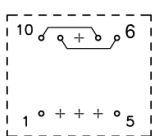
EI30x12.5

I MECHANICAL CHARACTERISTICS - PINOUT



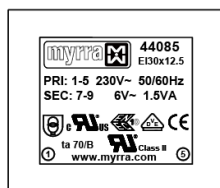
PCB recommended drilling hole
Ø 1.30

Recommended layout for transformers
with 1 secondary winding

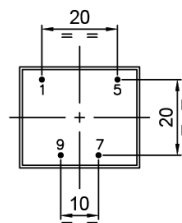
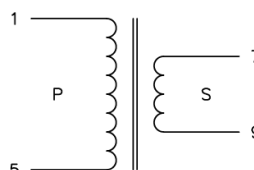


(Allows the use of a transformer
with 2 secondary windings)

Example of marking

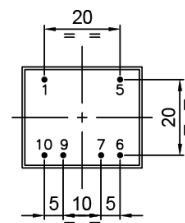
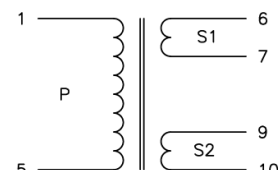


Single output



Row and pitch tolerance : ± 0.5

Double output



Row and pitch tolerance : ± 0.5

(Unit : mm)

II ELECTRICAL CHARACTERISTICS - ENVIRONMENTAL

EI30x12.5
1.5 VA - 230 V - T70B

Reference	Secondary voltage (V)	No load voltage (V)	Secondary current (mA)	Protection
44085	6	9.7	250	
44086	9	14.5	167	
44087	12	19.3	125	
44088	15	24.2	100	
44089	18	29.8	83	
44090	24	38.6	63	
44091	2 x 6	2 x 9.7	2 x 125	
44092	2 x 9	2 x 15.0	2 x 83	
44093	2 x 12	2 x 19.3	2 x 63	
44094	2 x 15	2 x 24.2	2 x 50	
44095 *	2 x 18	2 x 29.0	2 x 42	
44096 *	2 x 24	2 x 38.6	2 x 31	

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 79.5 g

III SAFETY - CERTIFICATIONS



(*) compliant
but not approved



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

EN 60950

UL 5085