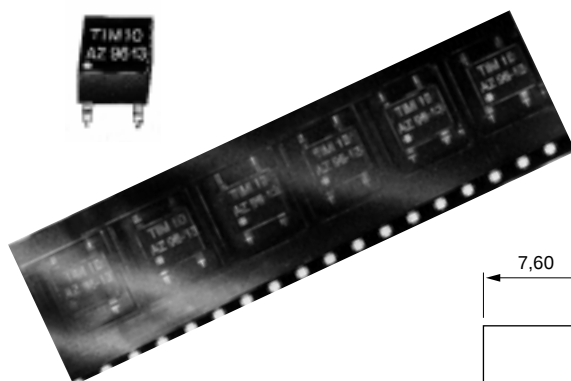



TIM $\begin{matrix} \leq 10 \\ \leq 20 \\ \leq 40 \end{matrix}$

pulse transformers

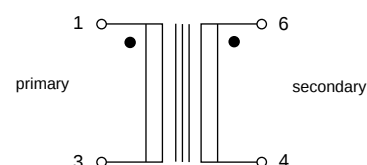
– general use

**SURFACE
MOUNTING**


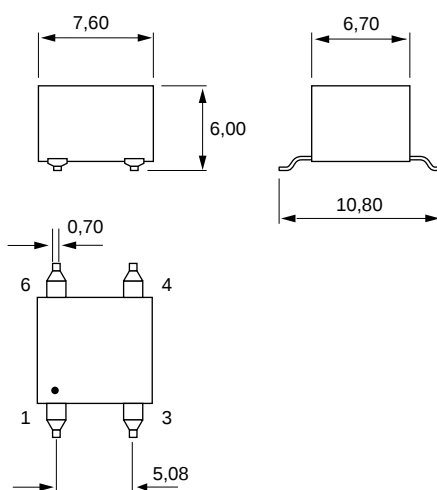
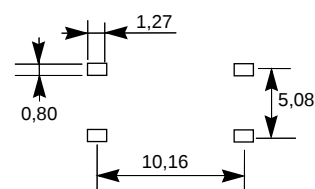
These microtransformers are designed for pulse transmissions for frequencies up to 300 kHz.

They are used for signal synchronisation, power supplies, transistor control. They are taped and reeled which allows automatic pick and place.

ELECTRICAL DIAGRAM



RECOMMENDED SOLDERING PAD



Dimensions in mm

SPECIFICATIONS

MECHANICAL

CASE... UL 94 V0
UNIT WEIGHT... 1 g

CLIMATIC

TEMPERATURE RANGE
SHELF... -55°C +85°C
WORKING... -30°C +75°C

ELECTRICAL

MAXIMUM FREQUENCY... 300 kHz
INSULATION RESISTANCE... 1000 V RMS

Series and model	TIM 10	TIM 20	TIM 40
Secondary/primary ratio	1	2	4
Primary inductance $\pm 25\%$	30 μH	30 μH	8,5 μH
Primary resistance $\pm 20\%$	140 m Ω	300 m Ω	160 m Ω
Secondary resistance $\pm 20\%$	140 m Ω	600 m Ω	600 m Ω
Primary DC current max.	50 mA	50 mA	100 mA
Primary peak current	200 mA	200 mA	400 mA
ET factor	3,5 V μs	3,5 V μs	4 V μs

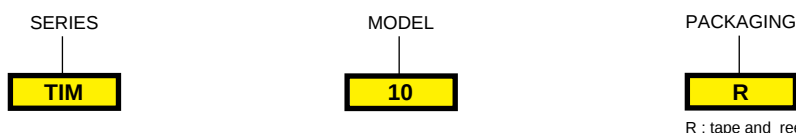
MARKING

Printed in clear: series, model, manufacturer, manufacturing date (code), pin 1.

PACKING

Tape 24 mm width, 12 mm pitch.
Reel 750 pieces : external dia. : 330 mm
height : 31 mm

ORDERING PROCEDURE



R : tape and reel



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