

PRELIMINARY TECHNICAL INFORMATION

HIGHLIGHTS

- High isolation
- reduced leakage inductance
- plastic case

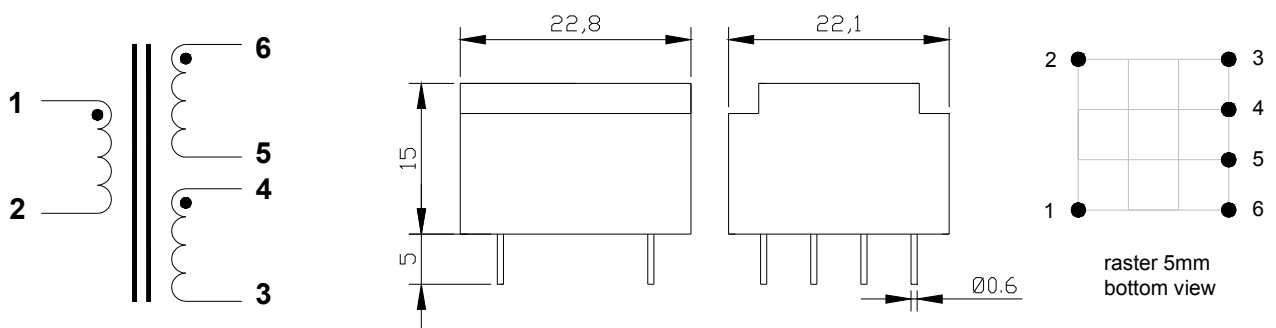


non-contractual photo

ELECTRICAL CHARACTERISTICS

Symbol	parameter	conditions & notes	min	typ	max	units
$N_P:N_{S1}:N_{S2}$	turns ratio			1:1:1		
VTA	voltage-time area				350	μ Vs
R_{PRIM}	primary winding resistance			0,4		Ω
R_{SEC}	secondary winding resistance			0,4		Ω
L_{PRIM}	primary inductance	@10kHz	1,6	2,3	3	mH
L_{LEAK}	primary leakage inductance	@10kHz			2,5	μ H
C_K	coupling capacity	@10kHz		120		pF
I_{MAX}	maximum peak primary current				900	mA
t_{rise}	rise time	$R_{LOAD}=50\Omega$			1	μ S
V_W	working voltage				1000	V
$V_{ISO P-S}$	isolation between primary to secondaries	1min @ 50Hz	6			kV
$V_{ISO S-S}$	isolation between secondary windings	1min @ 50Hz	4			kV

MECHANICAL DIMENSIONS & CONFIGURATION



All dimensions in millimeters

101123 Rev.:0

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Reserves the right to change limits, test conditions and dimensions given in this data sheet at any time without previous notice.

Cost Effective Products

SEMICODE ELECTRONICA

offers to the market a comprehensive range of products from recognized manufacturers at the best price/quality relationship, this products are provided with a basic reference code that allows maintaining the same product reference even if the original device manufacturer is replaced. SEMICODE product reference has to be considered as a generic brand.

Seeking the market needs and trends, we are constantly increasing the product portfolio with new products and suppliers, please ask for the updated information available to our local contacts.

SEMICODE products include semiconductors, passive components and accessories focused in power electronics market.

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Tentative information: This is the most tentative form of information and represents a very preliminary specification. No actual design work on the product has been started.

Preliminary Information: The product is in design and development. The datasheet represents the product as it is understood but details may change.

Advance Information: The product design is complete and final characterisation for volume production is well in hand.

No Annotation: The product parameters are fixed and the product is available to datasheet specification.

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