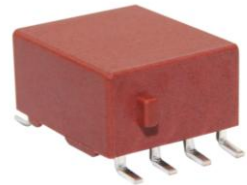
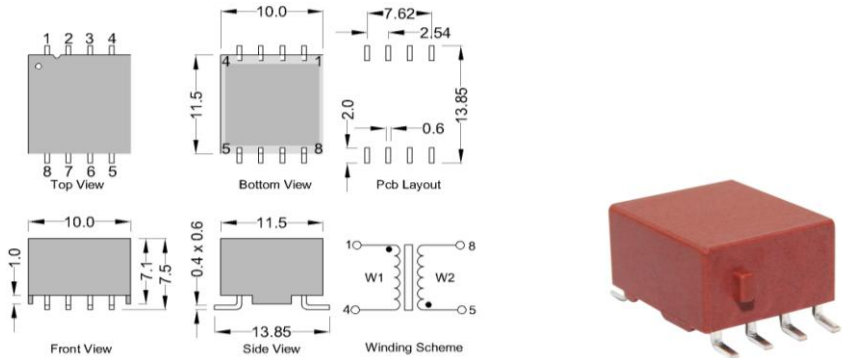


**8.1. SMD - Signal Transformers****General Technical Details:**

Input Voltage - U:	According to Data Sheet	
High Voltage Test - U <sub>P</sub> :	4000 V - 50Hz - 2s	Winding - Winding
Output power:	Variable, depends on size of the Component	
Insulation Class:	B (130°C); Higher Classes available on request	
Safety Class:	Reinforced Insulation	Primary Winding - Secondary Winding
Performance:	<ul style="list-style-type: none"><li>- Working Frequency from 100kHz up to 200kHz</li><li>- Design in accordance to Reflow Soldering Process</li><li>- Windings Separated</li><li>- Electrical Insulation from Low Signals</li><li>- Compact Design with minimal height of Component</li><li>- Coplanarity of SMT Terminals <math>\leq 0.1\text{mm}</math></li></ul>	
Design:	<ul style="list-style-type: none"><li>- With Toroidal Ferrite Cores</li><li>- Partly Potted / Encapsulated with Resin</li><li>- Housing Material: PA or PET</li><li>- Plastic Parts made with Flame Retardant (FR) Material, UL94 V-0</li></ul>	
Packaging:	Tape and Reel Packaging	

**8.1. SMD - Signal Transformers**

**Drawing with Schematic:**



- Drawing is not to scale
- Tolerance of Housing and Technical Details are on Pg-130
- Customisation in product can be checked on request

**Electrical Data and Part Identification Number (PIN):**

Input	Power	Frequency	Turns Ratio	PIN
6.0 V	4 Watts	100 kHz	01:01	PZS-TAA-A01
6.0 V	4 Watts	100 kHz	02:01	PZS-TAA-A02
9.0 V	4 Watts	150 kHz	02:01	PZS-TAA-A03
12.0 V	4 Watts	200 kHz	01:02	PZS-TAA-A04
12.0 V	4 Watts	200 kHz	02:01	PZS-TAA-A05