

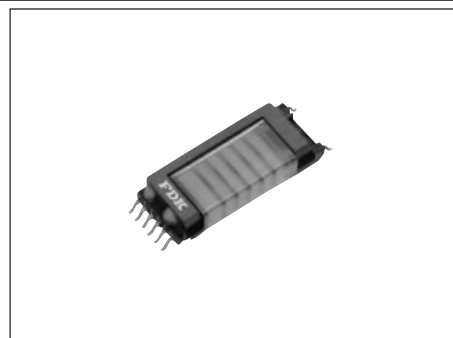
T-1029 SMT 10mm-width type

Features **A 30% cut in the mounting surface area (10×29mm)**

- A low-loss ferrite and a new-shape core give birth to a super compact inverter transformer (10mm wide, 5mm high) suitable for narrow and flat inverter units.
- Easy surface mounting and compatible with reflow soldering.
- Resistance to wire breakage boosted by twisted secondary winding terminals.
- Boasts an outstanding 96% coupling coefficient (in voltage ratio).

Applications **A value-added option in downsizing**

- Notebook PCs having a large LCD(up to 12-inch screen)
- Car navigation and PC displays with parallel specifications for increased brightness.
- Video cameras equipped with an LCD
- PDA

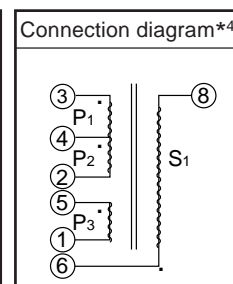


Electrical characteristics

Part No. (typical models)	Input voltage [V _{dc}]	Open voltage [V _{o-p}]	Max. output power [W]	Frequency [kHz]	Withstand voltage (AC60Hz, 1min.)[kV _{rms}]		Efficiency [%]
					Between 1st & 2nd windings	Between 2nd winding & core	
T-1029 customize	—	2,000 max.	2.5 *1	60~200	0.5 min. *2	1.5 min.	78 *1
T-1029-113	Typ. 7.0 (8.0 max.)	Typ. 1,760	(3.5)				

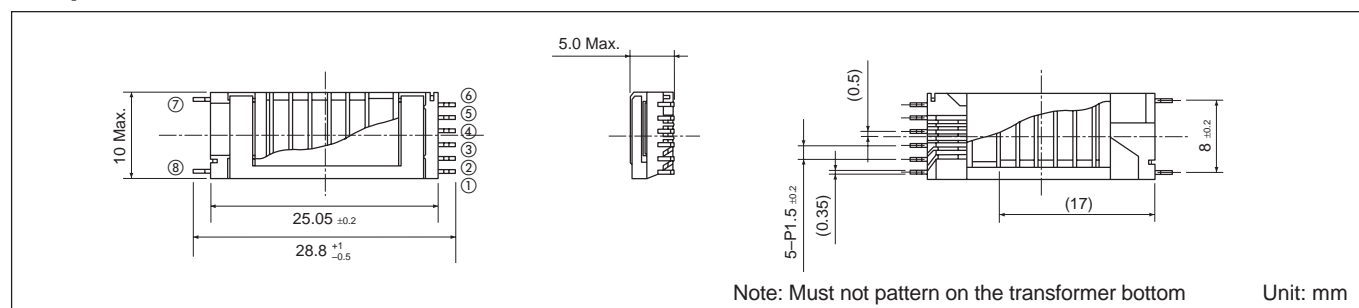
Part No. (typical models)	Winding: No. of turns			S1 inductance at 1kHz[mH]	Gap [mm]
	P _{1,2}	P ₃	S ₁		
T-1029 customize	—	3	1,800	—	—*3
T-1029-113	8	3	1,800	280	0.15

*3 Gap(3Item)vs. AL	
Gap [mm]	AL [nH/N ²]
0.1	105
0.15	85
0.2	80
Standard gap: 0.15mm	



* **Notes:** To match your exact needs, please contact us for information on T-1029 customization. The T-1029 cannot be used in a floating type circuit. Be sure to ground the No.6*4 pin (first pin of the secondary winding). The maximum open voltage The maximum output (up to 3.5 W) and efficiency*1 vary according to operating conditions. The withstand voltage between the primary and secondary windings*2 varies according to the number of primary winding turns. There are three choices in gap width*3.

Shapes and dimensions



Recommended landing pattern and drop dimensions

