

MGT-49100

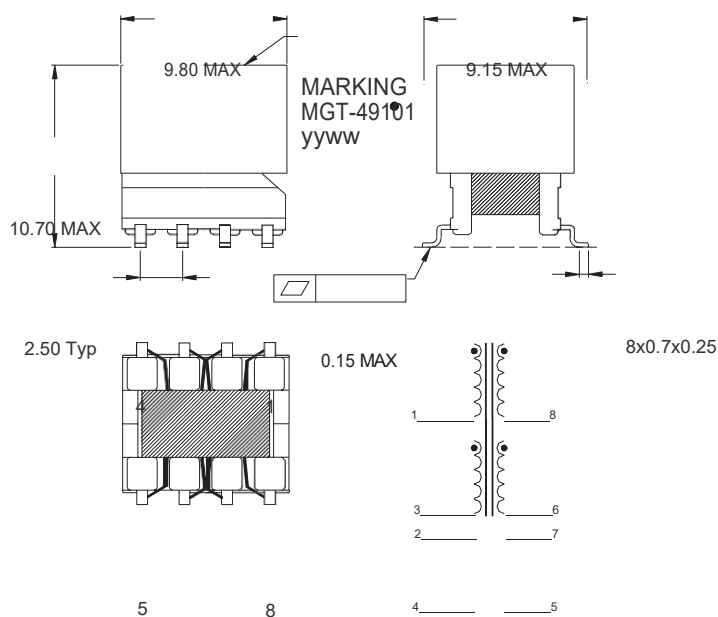
SERIES

VDSL Pulse Transformers



○

- Matched to Conexant Co & CPE for POTS Population chipset-Accelity, Accelity |, II
- Designed to meet IEC60950 supplementary insulation requirements at 250V working voltage
- Operating Temperature Range : -40°C ~ +85°C



(BOTTOM VIEW) UNIT: mm SCHEMATIC A

Reflects on PRI =

Reflects on SEC =

	MGT-49101			Unit
	100			ohms
	26			ohms
D.C. Resistance, 20°C, PRI, max. SEC, max.	1.0 0.5			ohms
Insertion Loss at 1 MHz reference	0.35 max			dB
Dielectric Test PRI-SEC	1500			V AC
Direct Current PRI, maximum	20			mA DC
Turns Ratio (PRI:SEC), ±2%	2 : 1			----
Longitudinal Balance, 100 KHz to 12 MHz	45 min.			dB
Total Harmonic Dist., 100 KHz, 3 Vrms	-80 max.			dB
Inductance, 10 KHz, 0.1 Vrms	800 ± 10%			uHy
Interwinding Capacitance, 100 KHz, 0.1 Vrms	100 max.			pF
Leakage Inductance, 100 KHz, 0.1 Vrms	1.5 max.			uHy
Schematic	A			----

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