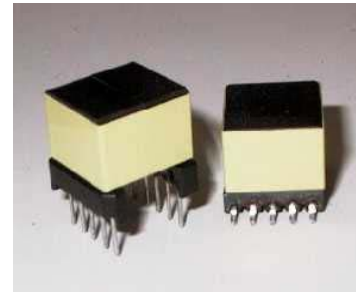


PT312 Series HDSL2 Transformers

For Level One SK70740/1/2 Chipsets

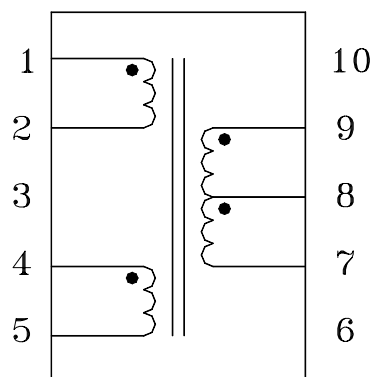


- Designed to meet ANSI and ETSI requirement
- Excellent THD performance
- Available in both SMD and Through Hole
- 1500Vrms Minimum Isolation
- Operating Temperature -40 to $+85^{\circ}\text{C}$.
- Custom Design for Other Pinouts and Dimensions are available
- Tinned Leads with Leaded Solder is Available (note 1)

Electrical Specification 1:					
Datatronic Part Number	T/R (Chip:Line) +/-1%	Line Side Inductance (mH)	Leakage Inductance (uH, Max.)	Interwinding Capacitance (pF, Max.)	Package
PT31201	1:2.3	2.0 +/-10%	35	60	1
PT31202	1:2.3	2.0 +/-10%	35	60	2

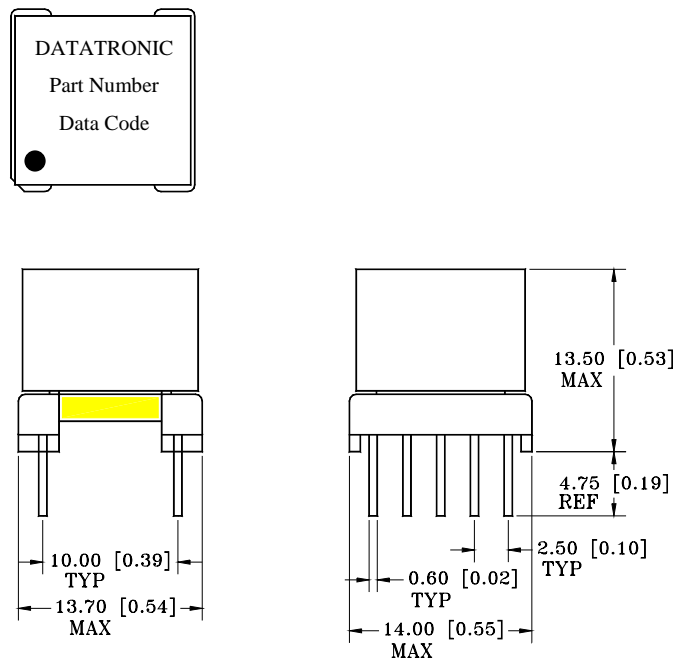
Electrical Specification 2:				
Datatronic Part Number	THD Typ. @100KHz, 5V	Chip Side DCR (Ω , Max.)	Line Side DCR (Ω , Max.)	Hipot Vrms (Min.)
PT31201	-75dB Min.	0.5	1.0	1500
PT31202	-75dB Min.	0.5	1.0	1500

SCHEMATICS



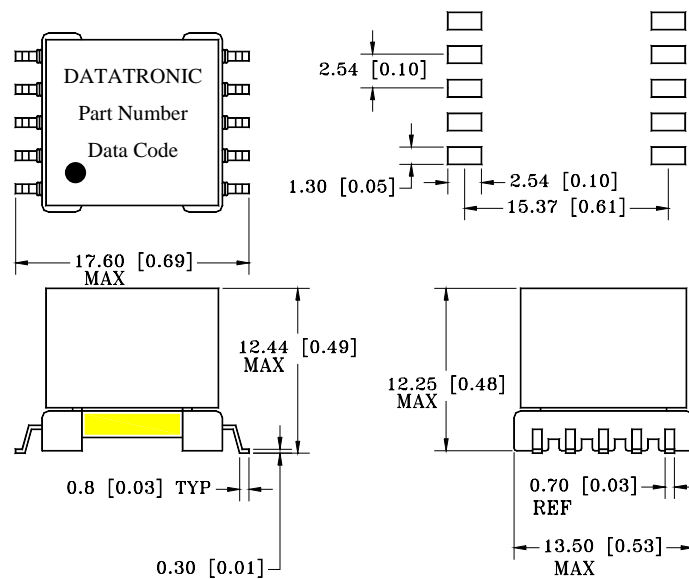
MECHANICAL:

FIGURE 1



ALL DIMENSIONS ARE IN MM [INCHES]

FIGURE 2



Note:

1. For non-RoHS parts, replace PT prefix with 42- (e.g. PT12110 becomes 42-12110).
2. Terminal finish is compliant to RoHS requirements