

## Features

- Through-hole unit
- Isolation voltage of 20000 Vrms
- Low interwinding capacity
- RoHS compliant\*

## Applications

- Telecom

# PT66011AL - ISDN S-Interface Transformer Module

### Electrical Specifications @ 25 °C

Turns Ratio  $\pm 1\%$  (III+IV:I+II) ..... see schematic  
 Impedance at 20 kHz 100 mV with IDC=3.6 mA (core 1,2) ohm min ..... 625  
 OCL at 10 kHz 100 mV(mH min)  
 Transformer I+II (core 1,2) ..... 22  
 Choke V,VI,VII, VIII +50/-30 % ..... 5  
 Interwinding Capacity (10 kHz 100 mV)  
 C<sub>ww</sub> (pF max) (core 1,2) ..... 150  
 Leakage Inductance (10 kHz 100 mV)  
 L<sub>s</sub> ( $\mu$ H)  
 L<sub>s</sub> I+II (III+IV shorted) core 1,2 ..... <0.6  
 L<sub>s</sub> V(IV,VI,VII shorted) core 3 ..... <0.6  
 HIPOT 50 Hz for 2 sec. (Vrms)  
 I/II (core 1+2) to III/IV (core 1+2) .. 2000  
 V/VI (core 3) to III/IV (core 1) to VII+VIII (core 3) + III/IV (core 2) ..... 500  
 DCR III=IV (ohm Max) ..... 2.65  
 DCR I+II (ohm max) ..... 1.4  
 DCR V,VI,VII, VIII (ohm max) ..... 1.1  
 Operating Temperature (°C) ..... 0 to +70

Other OCL specifications available on request.

### Packaging Specifications

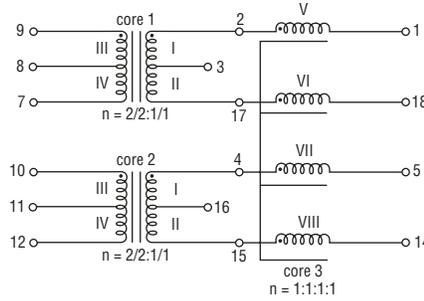
Tubes ..... 15 pcs./tube

### How To Order

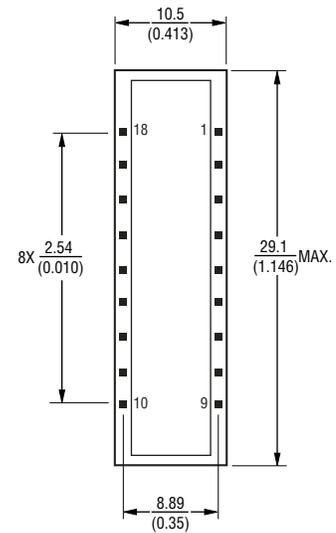
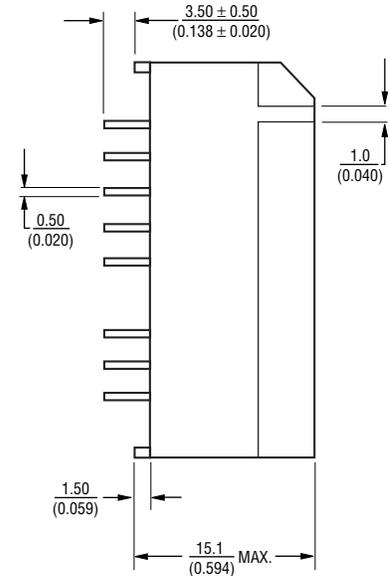
**PT66011A L**

Model \_\_\_\_\_  
 Termination \_\_\_\_\_  
 L = Tin only (lead free)

### Electrical Schematic



### Product Dimensions



BOTTOM VIEW

DIMENSIONS:  $\frac{\text{MM}}{(\text{INCHES})}$

TOLERANCES:  $\pm \frac{0.2}{(.008)}$