

Isolation Transformers For 10Base-T

Features:

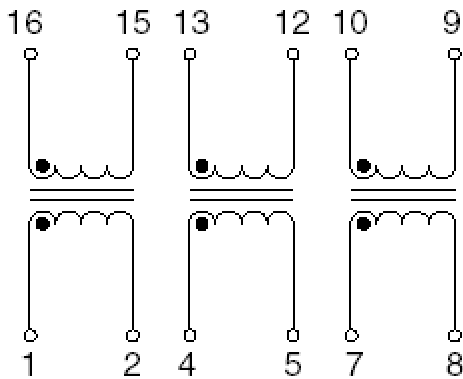
- For Adapter Cards, Maus Hubs and Motherboard Applications
- Designed to Meet or Exceed IEEE 802.3 ,10Base-T Specifications
- Low profile,surface mount packaging rated to 225°C
- Operating temperature 0°C to 70°C
- Through hole,auto-insertable,16-pin DIP package
- Isolation Voltage:1500Vrms

Electrical Specifications @ 25°C

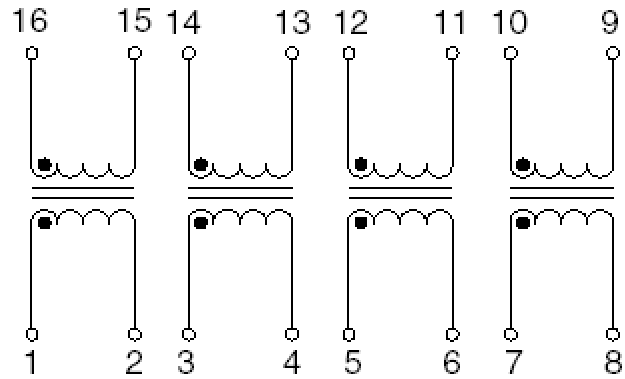
Part Number	Turns Ratio	Primary Pins	Rise Time ns max	Cw/w (pF max)	Ll uH max	DCR (Ω max)	OCL uH min
YL18-1005D	1:1	1-2/4-5/7-8	3.0	17	0.6	0.9	160
YL18-1006D	1:1	1-2/3-4/5-6/7-8	3.0	18	0.7	0.9	160

Schematics

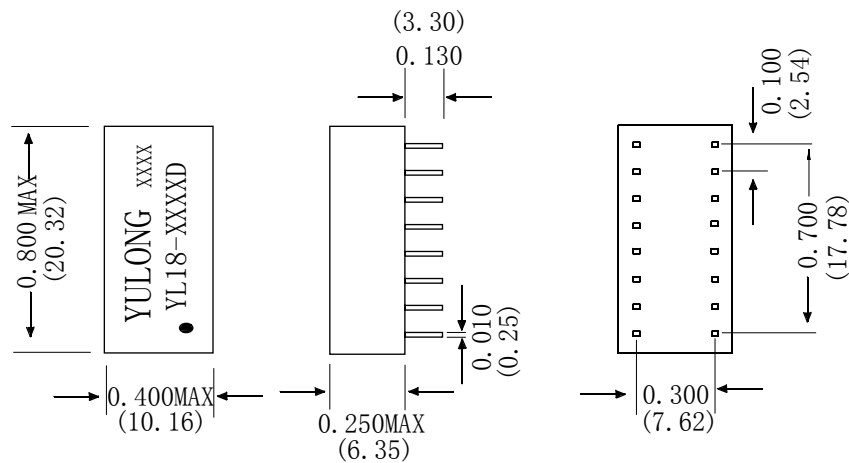
YL18-1005D



YL18-1006D



Mechanicals



NOTE:Dimensions:inches/(mm) unless otherwise specified all tolerances are $\pm 0.010(0.25)$