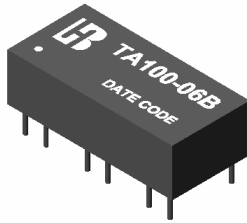


# 10 BASE-T ETHERNET ISOLATION TRANSFORMER

## P/N:TA100-06B DATA SHEET

### Feature

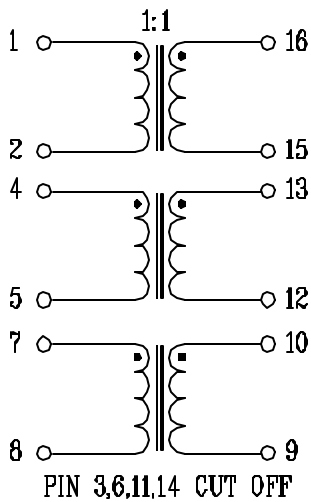


- 16 PIN DIP package to meet 10 MB-T specification.
- IEEE 802.3(10 BASE 2,10 BASE 5) and ECMA compatible
- Low leakage inductance and winding capacitances for fast rise time.
- High isolation voltages to comply with international safety requirements for LANS.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

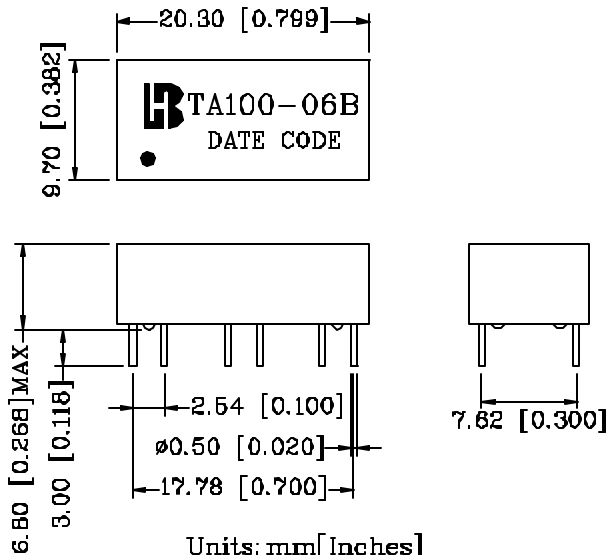
### Electrical Specifications @ 25°C

Part Number	Turns Ratio (±3%)	Sine wave inductance (uH)	Pulse inductance (uH Min)	PRI/SEC Cw/w (pF Max)	
TA100-06B	1:1	80-130	80	10	
Continue					
Part Number	Leakage inductance (uH Max)	DCR (ΩMax)	Primary ET-CONSTANT (v-us Min)	Rise time (ns Max)	HI-POT (Vrms)
TA100-06B	0.2	0.3	2.1	3.0	2000

### Schematic



### Mechanical



Units: mm [Inches]  
 Tolerances: xx.x0±0.25 [0.010]  
 0.xx±0.05 [0.002]