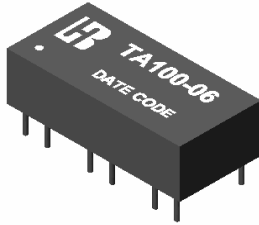


**10 BASE-T ETHERNET ISOLATION TRANSFORMER**

**P/N:TA100-06 DATA SHEET**

**Feature**

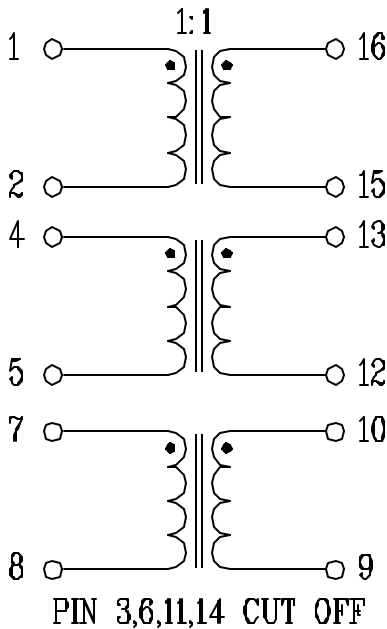


- IEEE 802.3 (10 BASE 2,10 BASE 5) And ECMA compatible.
- Low leakage inductance and winding capacitances for fast rise time.
- High isolation voltages to comply with international safety requirements for LANS (ECMA 97).
- More Economical than discrete transformers. three transformers per package .
- Low profile package 16 PIN pattern
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

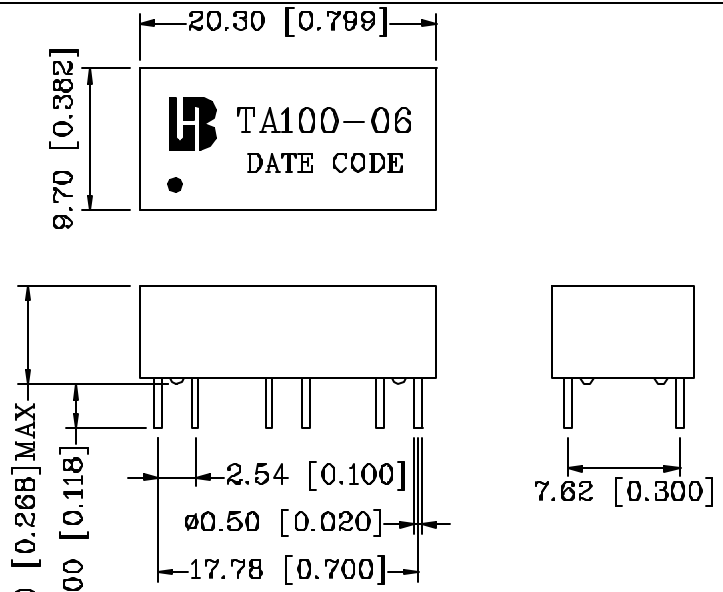
**Electrical Specifications @ 25°C**

Part Number	Turns Ratio (±5%)	Sine wave inductance (uH)	Pulse inductance (uH Min)	PRI/SEC Cw/w (pF Max)	
TA100-06	1:1	100±20%	80	10	
Continue					
Part Number	Leakage inductance (uH Max)	DCR (ΩMax)	Primary ET-CONSTANT (v-us Min)	Rise time (ns Max)	HI-POT (Vrms)
TA100-06	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]