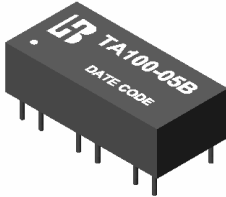


10 BASE-T ETHERNET ISOLATION TRANSFORMER

P/N:TA100-05B DATA SHEET

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Feature

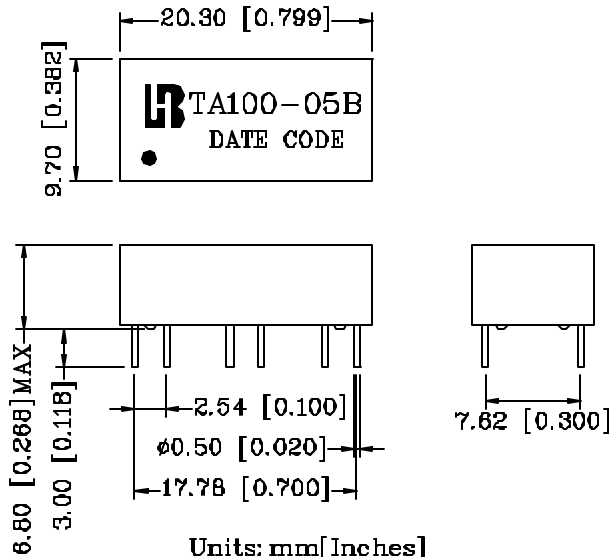
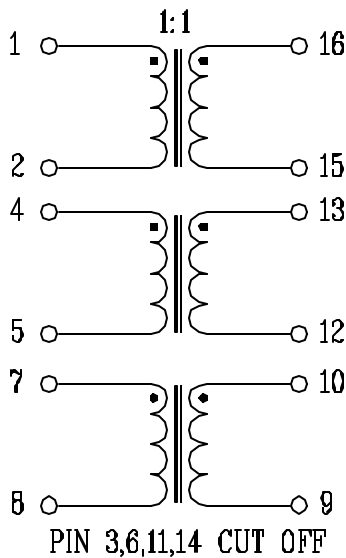


- 16 PIN DIP package to meet 10 MB T Specification .
- IEEE802.3(10 BASE 2,10 BASE 5) and ECMA compatible
- Low leakage inductance and winding capacitances for fast rise time.
- High isolation voltages to comply with international safety requirements for LANS.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)	Sine wave inductance (uH)	Pulse inductance (uH Min)	PRI/SEC Cw/w (pF Max)	
TA100-05B	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)
TA100-05B	0.2	0.3	2.1	3.0	500

Schematic



Units: mm[Inches]

Tolerances: xx x0±0.25[0.010]

0.xx±0.05[0.002]