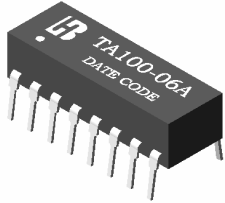


10 BASE-T ETHERNET ISOLATION TRANSFORMER

P/N:TA100-06A DATA SHEET

Feature



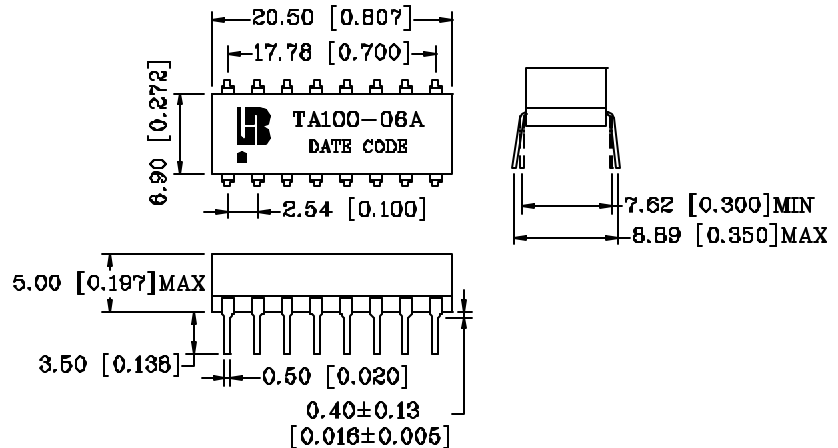
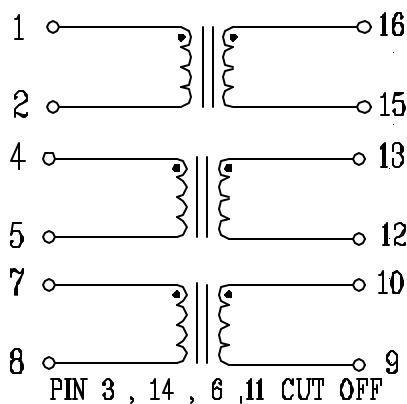
- IEEE 802.3 (10 BASE 2,10 BASE 5) and ECMA compatible.
- Low leakage inductance and winding capacitances for fast rise time.
- High isolation voltages to comply with international safety requirements for LANS (ECMA 97).
- More Economical than discrete transformers. three transformers per package .
- 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 (i H±20%)	Leakage Inductance (i H Max)	CW/W (pFMax)	
TA100-06A	1:1	100	0.20	10	
Continue					
Part Number	DCR (Ω Max)	Pulse Inductance (i H Min)	ET-constant (v-us Min)	Rise Time (ns Max)	HI-POT (Vrms)
TA100-06A	0.3	80	2.1	3.0	2000

Schematic

Mechanical



Units: mm [Inches]

Tolerances: xx.x0±0.25 [0.010]

0.xx±0.05 [0.002]