

100 BASE-T / FAST ETHERNET DUAL TRANSFORMERS

Designed for 100 Base-X and Twisted Pair FDDI
 Supports 155Mbps ATM applications over UTP-5 cable
 Dual Module (Transmit and Receive channels)
 IEEE 802.3 Compatible
 Low common mode emissions
 Fast Rise Times

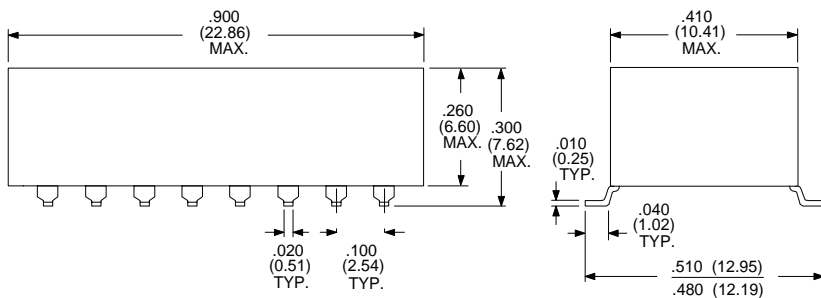
Available on
Tape & Reel

Part Number	Turns Ratio	
	Transmit	Receive
T-15500	1.41CT:1CT	1CT:1CT
T-15501	2CT:1CT	1CT:1CT
T-15502	1.25CT:1CT	1CT:1CT

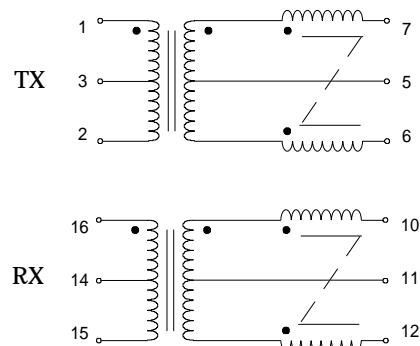
Electrical Specifications at 25° C

OCL (100KHz & 100 mV _{RMS} @8mA)	350 μH Min.
Leakage Inductance	0.40 μH Max.
C _{WVW}	20 pF Nom.
DCR	0.9 Ω Max.
Rise Time	2.5 ns Nom.
Cross Talk (0.1-100 MHz)	-38 dB Min.
CMR (0.1-100MHz)	-40 dB Nom.
Isolation	1500 V _{RMS} Min.

Physical Dimensions in inches (mm)
(Unused Pins Omitted)



Schematic



100 BASE-T / FAST ETHERNET SINGLE TRANSFORMERS

Designed for 100 Base-X and Twisted Pair FDDI
 Supports 155Mbps ATM applications over UTP-5 cable
 Supports either transmit or receive channels
 IEEE 802.3 Compatible
 Low common mode emissions
 Fast Rise Times

Available on
Tape & Reel

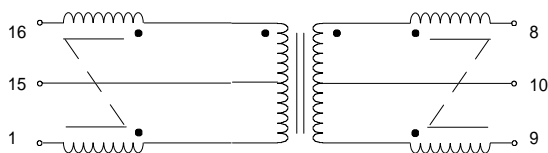
Part Number	Turns Ratio
T-15525	1CT:1CT
T-15526	1.41CT:1CT

Part Number	Turns Ratio
T-15527	2CT:1CT
T-15528	1.25CT:1CT

Electrical Specifications at 25° C

OCL (100KHz & 100 mV _{RMS} @8mA)	350 μH Min.
Leakage Inductance	0.40 μH Max.
C _{WVW}	0 pF Nom.
DCR	0.9 Ω Max.
Rise Time	2.5 ns Nom.
Cross Talk (0.1-100 MHz)	-38 dB Min.
CMR (0.1-100MHz)	-40 dB Nom.
Isolation	1500 V _{RMS} Min.

Schematic



Dimensions in Inches (mm)

