

10/100BASE-TX Single Port Magnetics



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Features

- ◆ Meet the isolation insertion loss and return loss requirements of IEEE802.3
- ◆ Available industry standard and low profile packages
- ◆ Isolation modules are available for most LAN IC manufacture`s

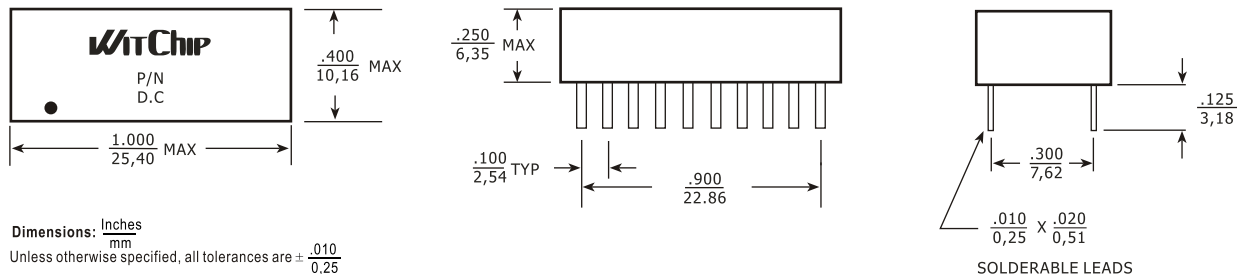
SPEC

Electrical Specifications @25°C - Operating Temperature 0°C to 70°C

Part Number	Turns Ratio		Return Loss (MIN)			OCL (uH MIN)	DCR (Ω MAX)	Isolation Voltage (Vrms)
	Transmit	Receive	1~30 MHz	30~60 MHz	60~80 MHz			
HF-62001	1CT:1CT	1CT:1CT	-18dB	-14dB	-12dB	350	0.9	1500
HF-62002	1CT:1CT	1CT:1CT	-18dB	-14dB	-12dB	350	0.9	1500

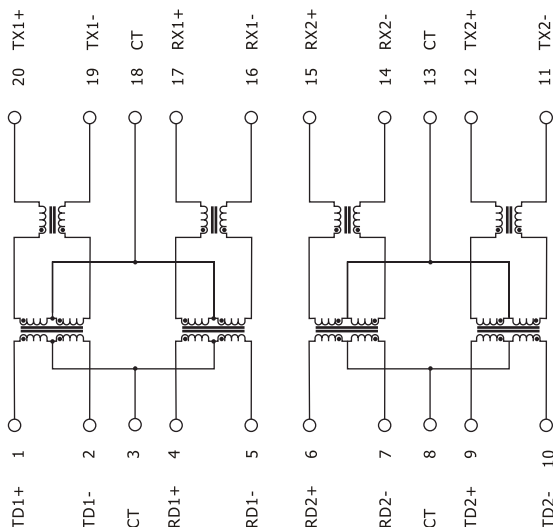
	CMR (dB TYP)	Corss Talk	Insertion Loss
	0.1~100 MHz	0.1~100 MHz	1~100 MHz
HF-62001	-40	-38	-1.0
HF-62002	-40	-38	-1.0

Mechanicals



Schematics

HF-62001



HF-62002

