



10/100 Base-TX Dual DIP Port Transformers



MODEL NO.: FT20-281B/D、FT20-282B/D、FT20-283B/D、FT20-284B/D、
FT20-286B/D

Transformer for Broadcom BCM5316/5318/5328、Marvell's 88E3061/3081/6050、
ADMtek AT8985P AT8989P ADM6509、Kendin KS8995E KS8997、
KS8999 Lever OneLXT9785 IC + IP175A 178A Realtek RTL8305SB
RTL8204 RTL8208Chip-set

Symmetrical TX and RX channels for auto MDI/MDIX capability
Models designed to support four single or double stacked RJ-45 Connectors.

Feature:

Meets all IEEE802.3 and ANSI X3.263 Standards

Operating Temprange 0°C To +70°C

Storage Temprange -25°C To +125°C

Specifications: AT25°C.

Primary inductance(LP) 350 μ H Min (100KHz ,100mV ,8mA)

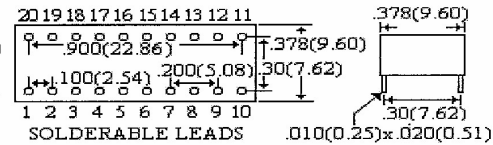
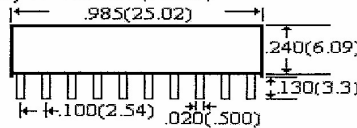
Leakage inductance(LL) 0.3 μ H Max (100KHz ,100mV)

Primary Capacitance(Cww) 25.OPF Max(1MHz , 500mV)

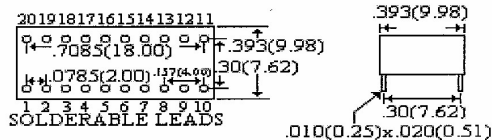
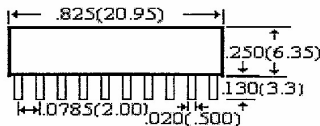
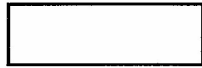
Part Number	Transformer Turns ratio ($\pm 2\%$)		Insertion Loss (dB TYP) 1-100MHz	Crosstalk (dB TYP)				Return loss (dB MIN)		Common Mode Rejection (dB MIN)		Hipot VAC
	Receive	Transmit		1MHz	30MHz	60MHz	100MHz	5 to 100 Mhz	1-60MHz	60-100MHz	1-60	
FT20-281B/D	1:1	1CT:1CT	1.0	-55	-50	-40	-33	-18	-12	-37	-25	1500
FT20-282B/D	1:1	1CT:1CT	1.0	-55	-50	-40	-33	-18	-12	-37	-25	1500
FT20-283B/D	1:1	1CT:1CT	1.0	-55	-50	-40	-33	-18	-12	-37	-25	1500
FT20-284B/D	1:1	1CT:1CT	1.0	-55	-50	-40	-33	-18	-12	-37	-25	1500
FT20-286B/D	1:1	1CT:1CT	1.0	-55	-50	-40	-33	-18	-12	-37	-25	1500

Dimension: inch(mm) +/- 0.010 (0.25)

B-FAMILY



D-FAMILY



1. PACKAGE BLACK PLASTIC SELF-EXTINGUISHING PER UL94V-0.

2. LEAD SOLDER ABILITY PER MIL-STD-202, METHOD 208. NOTES: UNLESS OTHERWISE SPECIFIED.

Schematic:

FT20-281B/D

