



10/100 Mbase-TX Quad Port SMD Transformers



MODEL NO.: FT40-402S、FT40-403S、FT40-404S、FT40-441S、FT40-451S
FT40-461S

**Transformer for Broadcom、Realtek、Marvell's、Altimia、Lucent、LeverOne
Kendin、Mayson、Totic Chip-set**

Feature:

Meets all IEEE802.3 and ANSI X3.263 Standards

Operating Temprange 0°C To +70°C

Storage Temprange -25°C To +125°C

SMD Environmental: Designed to meet IR 225°C 1 minute

Specifications: AT25°C.

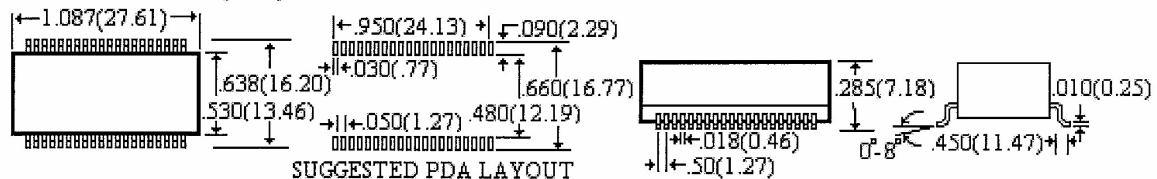
Primary inductance(LP) 350 μ H Min (100KHz, 100mV, 8mA)

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

Primary Capacitance(C_{ww}) 25.OPF Max(1MHz, 500mV)

Part Number	Transformer Turns ratio ($\pm 2\%$) Receive Transmit	Insertion Loss (dB TYP) 1-100MHz	Crosstalk (dB TYP)				Return loss 5 to 100 Mhz (dB MIN) 1-60MHz 60-100MHz	Common Mode Rejection (dB MIN)		Hipot VAC	
			1MHz	30MHz	60MHz	100MHz		1-60	60-100		
FT40-402S	1:1 1CT:1CT	-1	-55	-45	-40	-35	-15	-12	-45	-35	1500
FT40-403S	1:1 1.41CT:1CT	-1	-55	-45	-40	-35	-15	-12	-45	-35	1500
FT40-404S	1:1 2CT:1CT	-1	-55	-45	-40	-35	-15	-12	-45	-35	1500
FT40-441S	1:1 1CT:1CT	-1	-55	-45	-40	-35	-15	-12	-45	-35	1500
FT40-442S	1:1 1CT:1CT	-1	-55	-45	-40	-35	-15	-12	-45	-35	1500
FT40-451S	1:1 1CT:1CT	-1	-55	-45	-40	-35	-15	-12	-45	-35	1500
FT40-461S	1:1 1.25CT:1CT	-1	-55	-45	-40	-35	-15	-12	-45	-35	1500

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

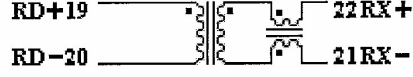
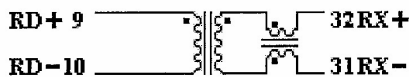
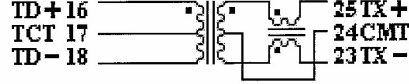
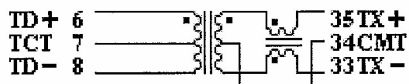
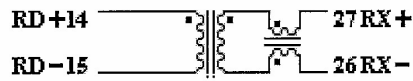
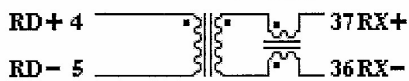
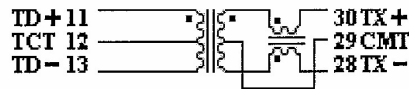
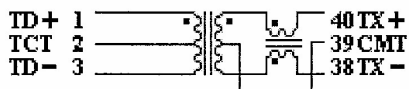


1. PACKAGE BLACK PLASTIC SELF-EXTINGUISHING PER UL94V-0.

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

Schematic:

FT40-402S



Transmet 1:1 Receive 1:1