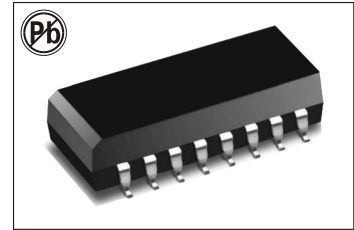


FIBER CHANNEL

FCT-101,102,103

FC – PH3 Dual Gigabit Transformers



FEATURES:

- Fast Rise Time
- Compliant with ANSI X3T9.5
- IEEE 802.3 Compliant

OPTIONS:

- Tape & Reel is Standard
- Custom design available

COMMON APPLICATIONS:

- Isolation and coupling
- Giga – Bit Dual Transformer
- 75 Ω Coaxial, 150 Ω STP

STANDARD SPECIFICATIONS

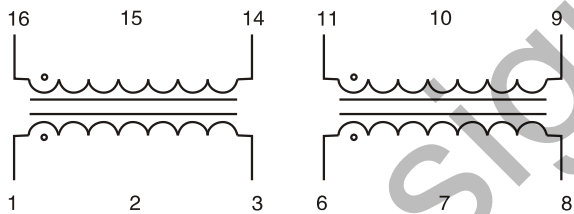
Part Number	Turns Ratio ($\pm 2\%$)	OCL (μ H Min)	Rise Time (nS Max)	Low Frequency Cut-off (3dB)	L_L (μ H Max)	DCR (Ω Max)	Hipot (VRMS)
FCT-101	1:1	7.5	2.5		0.10	0.20	2000
FCT-102	1CT:1CT	5.0	3.5	≤ 2.5 MHz	0.10	0.20	1500
FCT-103	1:1	5.0	3.5	≤ 2.5 MHz	0.10	0.20	1500

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

• Soldering methods: Wave, Reflow • Operating Temperature: 0°C to 70°C • Storage Temperature: -55°C to 125°C

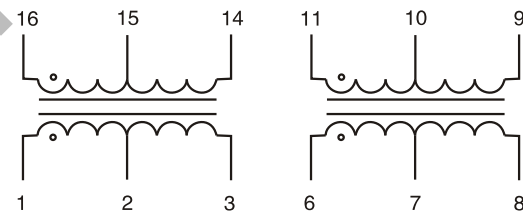
Note: All specifications subject to change without notice.

SCHEMATIC: FCT-101, 103



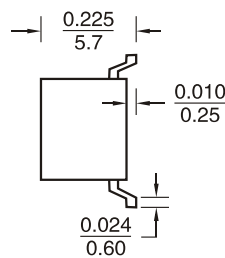
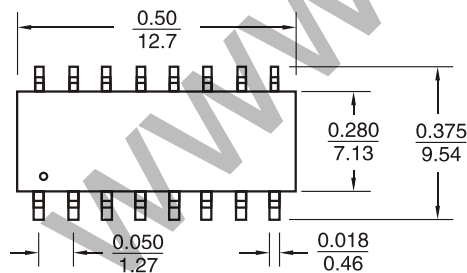
1:1 Dual Transformer

SCHEMATIC: FCT-102

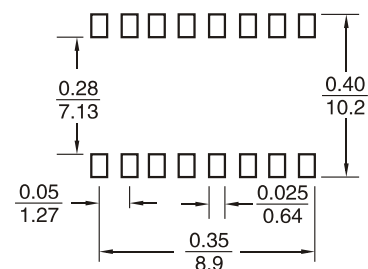


1CT:1CT Dual Transformer

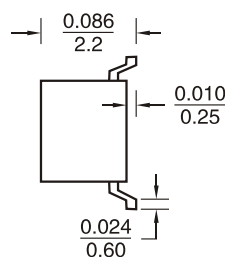
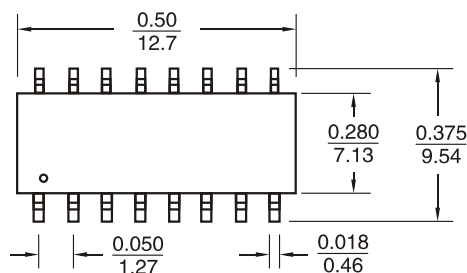
PACKAGE:A



Recommended Pad Layout



PACKAGE:B



Recommended Pad Layout

