



10/100 Base-TX SMD Single Port Miniature Transformers



MODEL NO.: F1612SM

Compatible with ADMtek、AMD、ASIX、Broadcom、Davicom、
Cirrus、Fujitsu、ICS、Intel、IC+、Kendin、LSI、Lucent、Macronix、
Marvell、MicroLinear、Myson、Mysticom、NS、Realtek、SIS、TDK、
Texas Instruments、SIS Transceivers.

Feature:

Meets all IEEE 802.3 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 235°C 1 minute

Specifications: AT25°C.

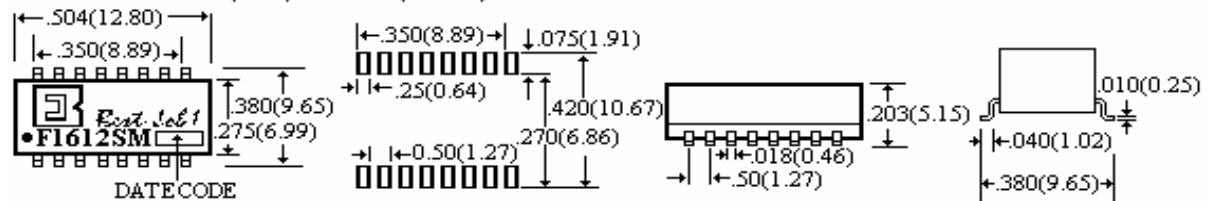
Primary induttance(LP) 350 μ H Min (100KHz ,100mV ,8mA)

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

Primary Capacitance(Cww) 50.OPF Max(1MHz , 500mV)

Part Number	Transformer Turns ratio ($\pm 2\%$) Transmit Receive	Insertion Loss (dB TYP) 1-100MHz	Crosstalk (dB TYP)				Return loss (dB MIN)		Common Mode Rejection (dB MIN)		Hipot VAC
			1MHz	30MHz	60MHz	100MHz	5 to 100 Mhz	1-60MHz	60-100MHz	1-60	
F1612SM	1:1 1:1	-1.1	-45	-42	-40	-35	-20	-11.5	-42	-33	1500

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



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

2. LEAD SOLDER ABILITY PER MIL-STD-202,METHOD208.

NOTES:UNLESS OTHER WISE SPECIFIED.

Schematic:

