

MODEL NO.: F1605SM

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.

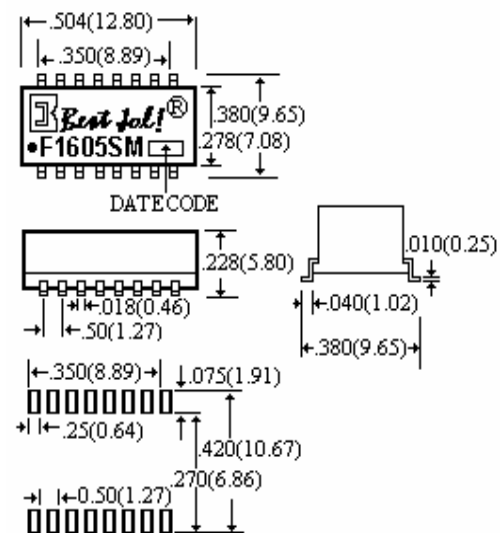
Primary induttance(LP) 350 μ H Min (100KHz ,100mV ,8mA)

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

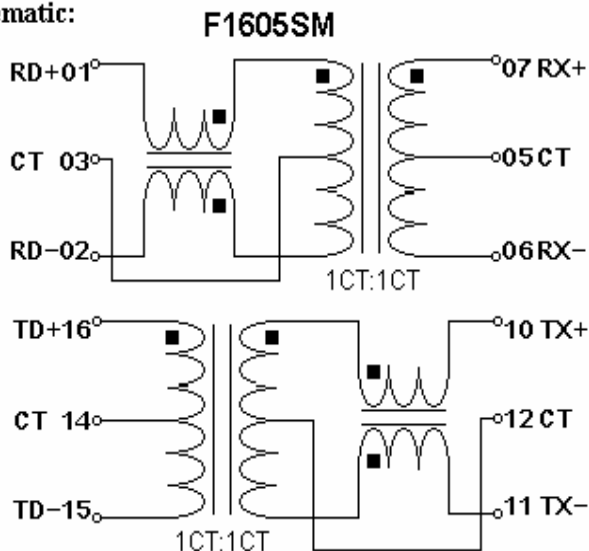
Primary Capacitance(Cww) 50.OPF Max(1MHz , 500mV)

Part Number	Transformer Turns ratio ($\pm 2\%$)		Insertion Loss (dB TYP) 1-100MHz	Crosstalk (dB TYP)				Return loss 5 to 100 Mhz (dB MIN)		Common Mode Rejection (dB MIN)		Hipot VAC
	Transmit	Receive		1MHz	30MHz	60MHz	100MHz	1-60MHz	60-100MHz	1-60	60-100	
F1605SM	1:1	1:1	-1.1	-45	-42	-40	-35	-20	-11.5	-42	-33	1500

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



Schematic:



- 1.PACKAGE BLACK PLASTIC SELF-EXTINGUISHING PER UL94V-0.
- 2.LEAD SOLDER ABILITY PER MIL-STD-202,METHOD208.
- NOTES:UNLESS OTHER WISE SPECIFIED.