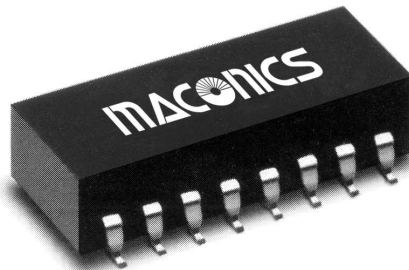


10/100 BASE-T SINGLE PORT TRANSFORMER MODULES

MACONICS
MAGNETICS SOLUTION FOR 3C

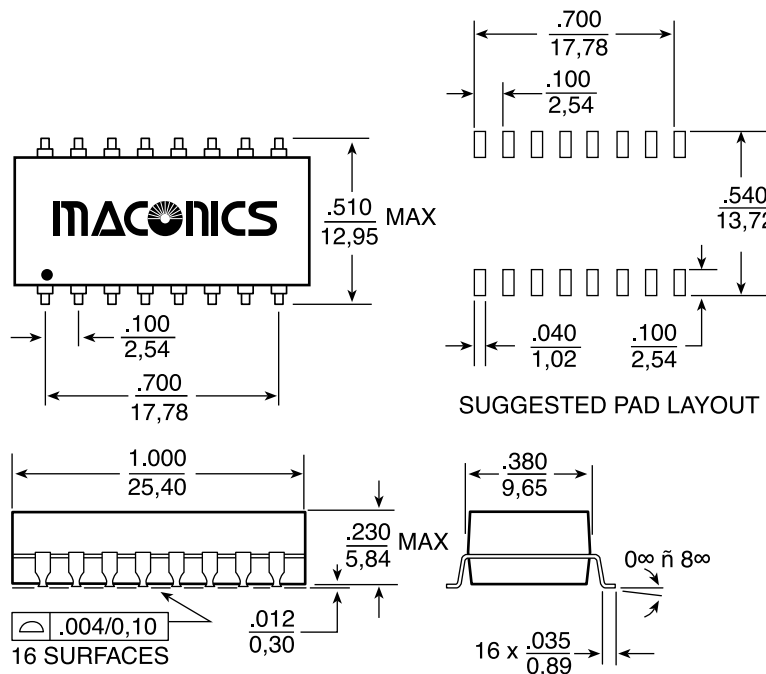
With 2:1 Transmit Turns Ratios Compatible
with MicroLinear, MITEL, and SEEQ Transceivers



Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

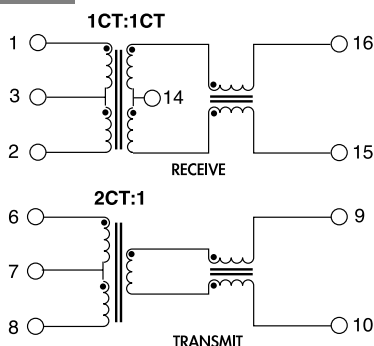
Part Number	Insertion Loss 0.1 to 100 MHz (dB TYP)	Rise Time (ns TYP) (10 - 90%)	Return Loss (dB TYP)		Differential to Common Mode Rejection (dB TYP)		Crosstalk (dB TYP)		Voltage Isolation (Vrms MIN)
			0.1-60 MHz	60-100 MHz	0.1-60 MHz	60-100 MHz	0.1-60 MHz	60-100 MHz	
HS2149	-1.0	3.5	-16	-12	-35	-32	-40	-35	1500
HS2101	-1.0	3.5	-16	-12	-35	-32	-40	-35	1500
HS2105	-1.0	3.5	-16	-12	-35	-32	-40	-35	1500

Mechanical

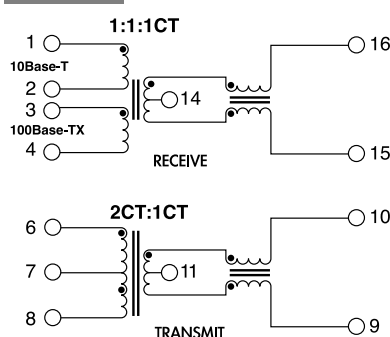


Schematics

HS2149



HS2101



HS2105

