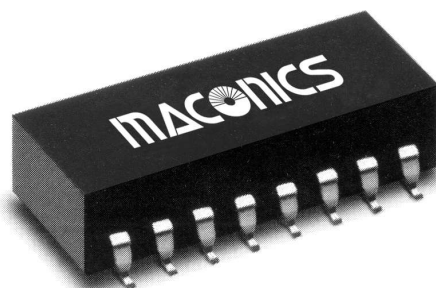


10/100 BASE-T SINGLE PORT TRANSFORMER MODULES



With Various Transmit Turn Ratios

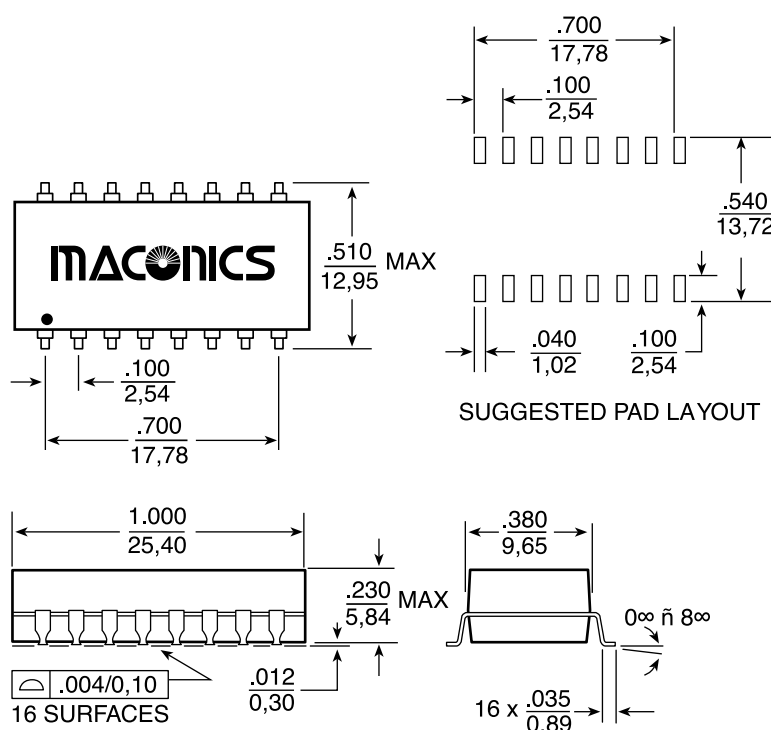


Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

Part Number	Turns Ratio (±5%)		Insertion Loss 100 KHz-100 MHz (dB MAX)	Return Loss (db MIN)			Crosstalk (dB MIN)			Hipot (Vrms MIN)
	Receive	Transmit		30 MHz	60 MHz	80 MHz	30 MHz	60 MHz	100 MHz	
HS2124	1:1	$\sqrt{2}:1$	-1.0	-16	-12	-10	-45	-38	-34	1500
HS2126	1:1	$\sqrt{2}:1$	-1.0	-16	-12	-10	-45	-38	-34	1500
HS2144	1:1	$\sqrt{2}:1$	-1.0	-16	-12	-10	-45	-38	-34	1500
HS2146	1:1	$\sqrt{2}:1$	-1.0	-16	-12	-10	-45	-38	-34	1500
HS2154	1:1	1.25:1	-1.0	-16	-12	-10	-45	-38	-34	1500
HS2192	1:1	$1:\sqrt{2}$	-2.0	-18	-12	-11	-45	-38	-34	1500
HS2104	1:1	$\sqrt{2}:1$	-1.0	-16	-12	-10	-45	-38	-34	1500
HS2220	1:1	$1:\sqrt{2}$	-2.0	-16	-11	-10	-45	-38	-34	1500

Mechanical

HS2124, HS2126, HS2144, HS2146, HS2154, HS2192, HS2104, HS2220



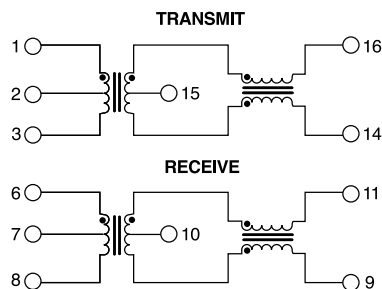
10/100 BASE-T SINGLE PORT TRANSFORMER MODULES



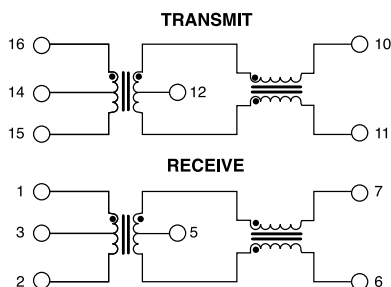
With Various Transmit Turn Ratios

Schematics

HS2124, HS2144, HS2154, HS2104



HS2126



HS2146, HS2192, HS2220

