

10/100 BASE-T SINGLE PORT SURFACE MOUNT MAGNETICS



With Various Turns Ratios



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

Part Number	Turns Ratio		Insertion Loss 100 KHz-100 MHz (dB MAX)	Return Loss (TYP)			Differential to Common Mode Rejection (dB MIN)			Crosstalk (dB MIN)			Hipot (Vrms MIN)
	TX	RX		30 MHz	60 MHz	80 MHz	30 MHz	50 MHz	100 MHz	30 MHz	60 MHz	100 MHz	
HS2211	2:1	1:1	1.1	-20	-14	-11.5	-42	-37	-33	-45	-40	-35	1500
HS2212	1.25:1	1:1	1.1	-20	-14	-11.5	-42	-37	-33	-45	-40	-35	1500
HS2213	1:1	1:1	1.1	-20	-14	-11.5	-42	-37	-33	-45	-40	-35	1500
HS2232	1:1.414	1:1	1.1	-18	-12	-11.5	-42	-37	-30	-45	-40	-35	1500

Mechanical

HS221X, HS2232

Schematic

