

LAN

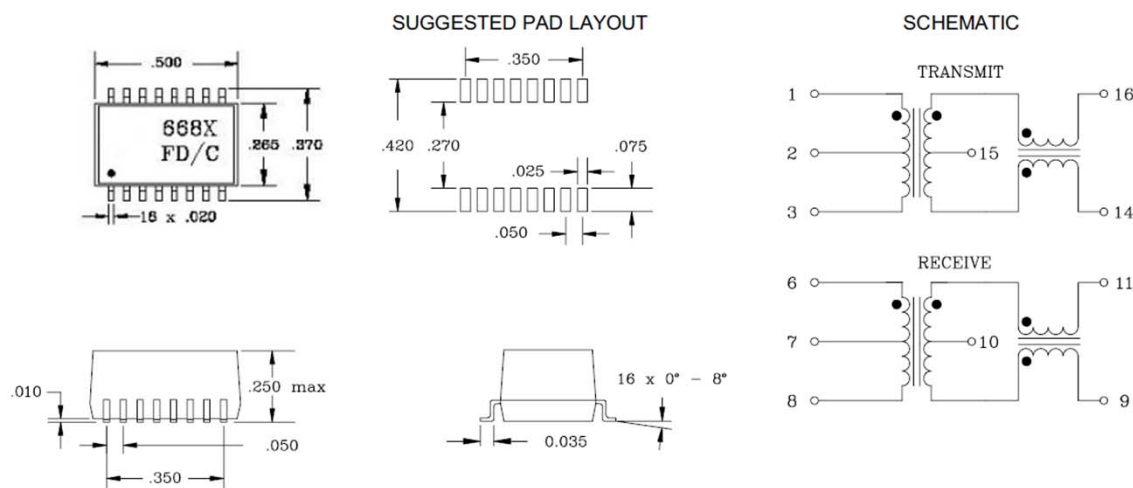
10/100 Base-T Single Port

6683 - 6686

- Meets IEEE 802.3 and ANSI X3.263 standards
- Including 350 uH OCL with 8 mADC bias
- Suitable for reflow soldering at temperatures up to 235°C
- Smallest, low profile, SMD package available



MECHANICAL (All dimensions in inches)



ELECTRICAL SPECIFICATION @ 25°C

Part Number	Turns Ratio		Insertion Loss 0.1 - 100 MHz (dB Max)	Return Loss (dB Typ)			Differential to Common Mode Rejection (dB Min)			Crosstalk (dB Min)			Hipot (Vrms) MIN
	Transmit	Receive		30 MHz	60 MHz	80 MHz	30 MHz	50 MHz	100 MHz	30 MHz	60 MHz	100 MHz	
6683	2:1	1:1	1.1	-20	-14	-11.5	-42	-37	-33	-45	-40	-35	1500
6684	1.25:1	1:1	1.1	-20	-14	-11.5	-42	-37	-33	-45	-40	-35	1500
6685	1:1	1:1	1.1	-20	-14	-11.5	-42	-37	-33	-45	-40	-35	1500
6686	1:1.414	1:1	1.1	-18	-12	-11.5	-42	-37	-30	-45	-40	-35	1500