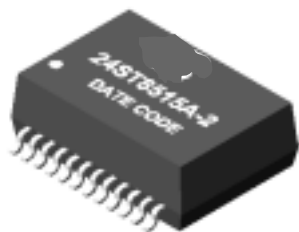


# 10/100 BASE-T SINGLE PORT SMT TRANSFORMER

## P/N: UE-24ST8515A-2 DATA SHEET

### Feature



- For Fast Ethernet to Gigabit Ethernet Interchangeable Designs.
- Meets IEEE802.3 and ANSI X3.263 standards.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

### Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL(uH Min) @100KHz/0.1V with 8mA DC Bias	L.L (uH Max)	C <sub>ww</sub> (pF Max)	Rise Time 10-90% (nS Typ)	HI-POT (Vrms)
	TX	RX					
24ST8515A-2	1CT:1	1CT:1CT	350	0.6	28	2.5	1500

### Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)			Cross talk (dB Min)		DCMR (dB Min) TX/RX	
		0.3-100MHz	30MHz	60MHz	80MHz	0.3-60MHz	60-80MHz	0.3-60MHz
24ST8515A-2	-1.0	-16	-12	-12	-40	-30	-30/-35	-30/-35

### Schematic

### Mechanical

