



10/100BASE-TX TRANSFORMER MODULES
FOR AUTO MDI/MDIX APPLICATIONS

Bothhandusa.com

P/N: 40ST1064M DATA SHEET

Feature



- Symmetrical TX and RX channels for auto MDI/MDIX capability.
- Compliant with IEEE 802.3u.
- Operating temperature range :-40°C to +85°C.
- Storage temperature range: --40°C to +125°C.

Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL(uH Min) @100KHz/0.1Vrms 8mA DC/Bias	L.L (uH Max)	C _{w/w} (pF Max)	HI-POT (Vrms)	Rise Time (nS TYP)
	TX	RX					
40ST1064M	1CT:1CT	1CT:1CT	350	0.4	56	1500	2.5

Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)			Cross talk (dB Min)		DCMR (dB Min)		
		0.3-100MHz	0.3-30MHz	30-60MHz	60-80MHz	0.3-60MHz	60-100MHz	60MHz	100MHz
40ST1064M	-1.15	-16	-12	-10	-40	-35	-37	-28	-25

Schematic

Mechanical

