



40 PIN SMD ETHERNET 10 /100 BASE –TX HIGH SPEED LAN MAGNETICS for Auto MDIX
UE-40ST1041AXU LF

Feature



- IEEE 802.3 Ethernet compatible.
- 100 Base-TX Surface mountable.
- Design for multi-port repeater and Ethernet switching HUB application.
- Customer designs available for specific application.
- Comply with RoHS requirements-whole part No Cd, No Hg, No Cr6⁺, No PBB and PBDE and No Pb on external pins.
- Comply with Air reflow profile of JEDEC 020-C.
- Operating temperature range :0°c +70°c
- Storage temperature range: -25° C to +125° C

Electrical Specifications @ 25° C							
Part Number:UE-	Turns Ratio (±5%)		OCL(uH Min) @100KHz/0.1V with 8mA DC Bias	L.L (uH Max)	C _{ww} (pF Max)	Rise Time (nS Typ)	HI-POT (Vrms)
	TX	RX					
40ST1041AXU LF	1CT:1CT	1CT:1CT	350	0.4	56	3.0	1500

Continue									
Part Number:UE-	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
40ST1041AXU LF	-1.15	-16	-12	-10	-40	-35	-37	-28	-25

Schematic

Mechanical

