



- 10/100/1000 Base-T Gigabit Ethernet Application
- Impedance: 100OHMS
- Transmit open circuit inductance (OCL): 350uH (MIN) @100KHz, 0.1VRMS with 8mA DC Bias
- RJ45 jack cavity conforms to FCC rules and regulations Part 68, SUB Part F
- Standard operating temp: 0°C to +70°C
- Contact factory for Industrial Temp.
- Storage temperature range: -40°C to +85°C



Electrical Specifications @ 25°C

Part Number	OCL(uH Min) @ 100kHz, 0.1V With 8mA DC Bias	Turns Ratio chip: cable (±2%)	Insertion Loss (dB Max)	Return Loss (dB Min)		
			1-100MHz	1-30MHz	30-60MHz	60-80MHz
AR14-3681	350	1CT:1CT	-1.0	-18	-18-20Log(F/30MHz)	-12

Electrical Specifications @ 25°C

Cross Talk (dB Min)					CMR (dB Min)					CDMR (dB Min)					HI-POT (Vrms)
0.5-1MHz	10MHz	30MHz	50MHz	100MHz	0.3-1MHz	10MHz	30MHz	60MHz	100MHz	0.3-1MHz	10MHz	30MHz	60MHz	100MHz	0.5mA/2Sec.
-50	-50	-40	-35	-30	-50	-47	-42	-37	-30	-50	-50	-50	-45	-40	1500

All specifications subject to change without notice.

MECHANICAL



