



**Integrated PoE  
10/100 Base-T RJ45**

**Midcom**

LANDatacom

**Electrical Characteristics**

Inductance	350uH Min.	0.1Vrms, 100kHz, 8mADC
Dielectric Rating	1500VAC	for 1 minute
Turns Ratio	1CT:1	±2%
Insertion Loss	-1.0dB max.	1MHz-100MHz
Return Loss	-18dB min.	1MHz-30MHz
	-16dB min.	30MHz-45MHz
	-14dB min.	45MHz-60MHz
	-12dB min.	60MHz-80MHz
Cross Talk	-35dB min.	1MHz-100MHz
Common Mode Rejection	-35dB min.	1MHz-100MHz

Note1: Electrical Characteristics for individual part may vary; see specification sheet for actual values.

**Features**

- Through hole
- AutoMDIX compatible
- PoE compatible (designed for 350mADC and 802.3af)
- Operating Temperature 0°C to +70°C
- Optional pin-outs and LEDs
- Industry standard connector footprint
- Optimum performance
- Cost Effective
- RoHS compliant

Part Number	LED (left-right)	Tab Direction	EMI Tabs
MIC64013-5180	Green-Yellow	Down	Yes



