

Integrated 10/100 Base-T RJ45 Through Hole MIC24 Series with Protection

LANDatacom

Typical Electrical Characteristics

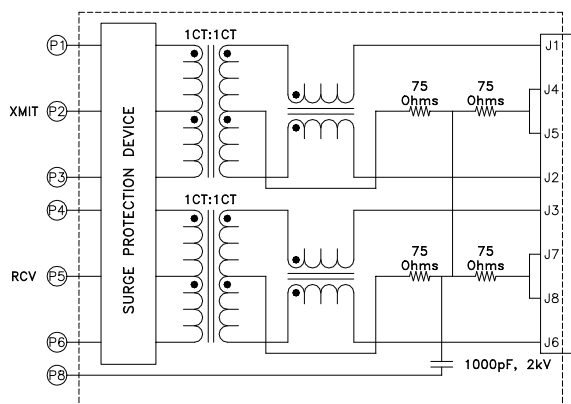
Inductance	350uH Min.	0.1Vrms, 100kHz, 8mADC
Dielectric Rating	1500VAC	for 1 minute
Turns Ratio	1CT:1CT	±2%
Insertion Loss	-1.0dB max.	1MHz-100MHz
Return Loss	-18dB min.	1MHz-30MHz
	-16dB min.	30MHz-45MHz
	-14dB min.	45MHz-60MHz
	-12dB min.	60MHz-80MHz
Cross Talk	-35dB min.	1MHz-100MHz
Common Mode Rejection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

Note1: Characteristics for individual parts may vary slightly; see specification sheet for actual values.

Features

- Optional PoE compatible designs
- Optional pin-outs and LEDs
- Industry standard connector footprint
- Optimum performance
- Cost effective
- RoHS compliant

Part Number	LED (left-right)	Tab Direction	EMI Tabs	Operating Temp. Range	Schematic	Mechanical
MIC24113-0118	Green-Yellow	Up	Yes	0°C to +70°C	1	1
MIC24111-0118	Yellow-Green	Up	Yes	0°C to +70°C	1	1



Schematic 1



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Mechanical 1

