



SPECIFICATIONS

Gigabit Transformer Modules with Power Over Ethernet Option

Meets IEEE 802.3 specifications

- Insertion Loss (dB max):
 - 0.3-1MHz: -1.1
 - 1-65MHz: -0.8
 - 65-100MHz: -1.0
 - 100-125MHz: 1.2
- Return Loss (dB min):
 - 0.5-40MHz: -18
 - 40-100MHz: -[12-20LOG(f/80MHz)]
 - 0.3-100MHz: -[33-20LOG(f/100MHz)]
- Crosstalk (dB min):
 - 0.3-100MHz: -30dB min
 - 0.3-100MHz: -35dB min
- Turn Ratio: PRI:SEC=1CT:1CT
- Inductance: 250uH Min
- Balanced DC Current: 720mA max @ 57VDC Continuous
1.2A Max @ 57VDC for 200mS
- Hipot: 1500Vrms/ 0.5mA
- Operating Temp: 0C ~ +70C
- Solder Temp: 245°C

RoHS compliant

Rev.	Description	Date	Approved	Drawing	Name	Date
				Approved	Howard	11/06/07
				Checked	Lizzy	11/06/07
				Drawn	Tina	11/06/07
				0.0 ± 0.35	0.00 ± 0.20	Angles ± 3'
				UNIT: mm		

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Part No.: **CTM-LP6062NL**

Description: 1000 Base-T Magnetic Modules & POE