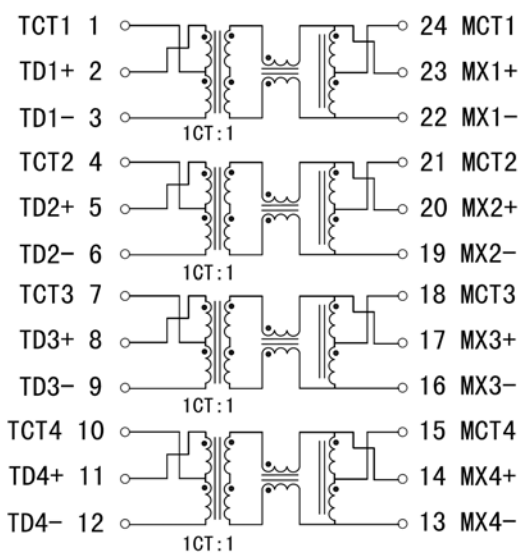
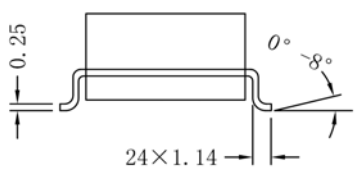
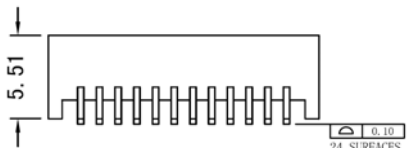


SUGGESTED PAD LAYOUT



SPECIFICATIONS

Designed to support applications, such as SOHO (ADSL modems), LAN-on-motherboard (LOM), hub and Switches

350uH min OCL with 8mA bias current

Insertion Loss: 1-100MHz: -1.0dB max
Return Loss (dB min): 1-30MHz: -18

40MHz: -18
50MHz: -18
60-80MHz: -12
100MHz: -10
Crosstalk (dB min): 30MHz: -45
60MHz: -40
100MHz: -35

DCMR (dB min): 30MHz: -43
60MHz: -37
100MHz: -33

Isolation Voltage: 1500Vrms min
Operating Temp: 0C ~ 70C
Processing Temp: 260±5°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		

Central Components Manufacturing
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Part No.: **CTM-LP500TNL**

Description: 1000 Base-T Magnetic Modules