



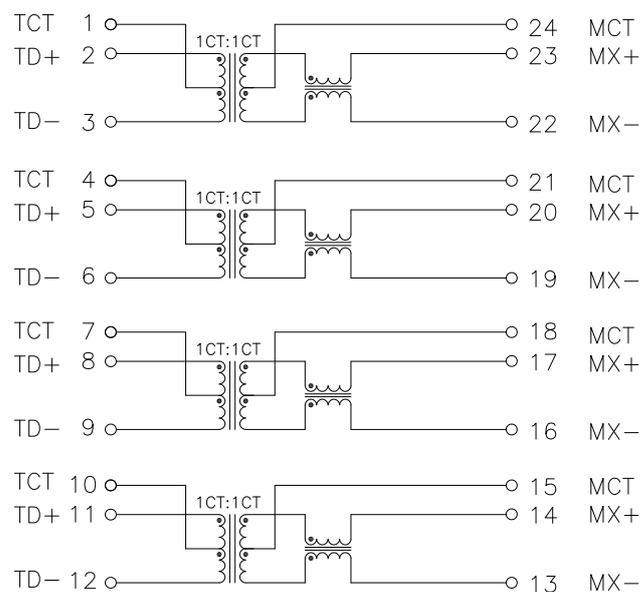
18G MAGNETICS

- ▲ Designed to support HDBaseT application.
- ▲ RoHS compliant.
- ▲ Peak reflow temperature rating 260°C.
- ▲ Operation temperature: 0°C ~ +70°C.
- ▲ Storage temperature: -25°C ~ +125°C.

ELECTRICAL SPECIFICATIONS @ +25°C UNLESS OTHER SPECIFIED

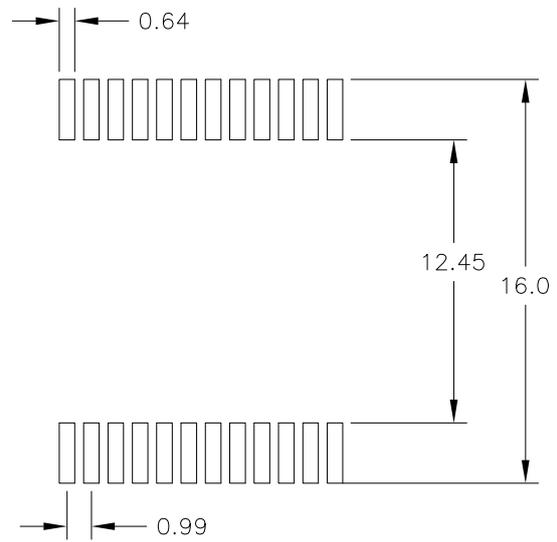
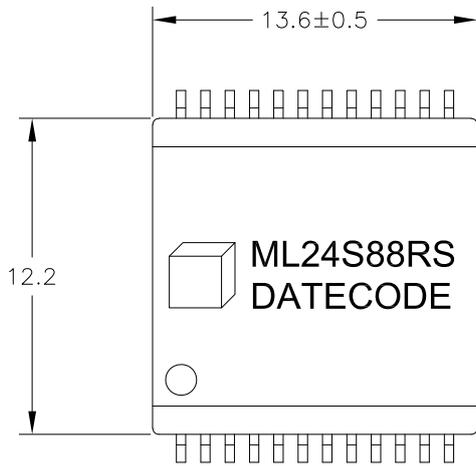
Inductance (OCL)	100uH Min @ 100KHz/0.1V
Hi-Pot	1500Vrms
Turns Ratio	1.00 ± 2%
Insertion Loss	1~100MHz: -3.0dB Max 100~650MHz: -2.0dB Max
Return Loss	1~40MHz: -18.0dB MIN 40~100MHz: -13.1dB MIN 200~300MHz: -8.3dB MIN 300~400MHz: -7.0dB MIN 400~500MHz: -6.1dB MIN
CMRR	1~250MHz: -30dB MIN 250~500MHz: -22dB MIN
Cross Talk	1~100MHz: -40dB MIN 100~500MHz: -30dB MIN

SCHEMATIC

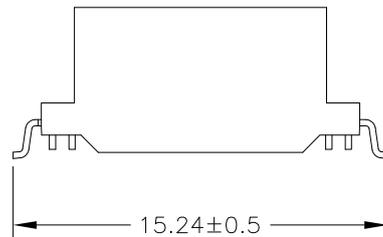
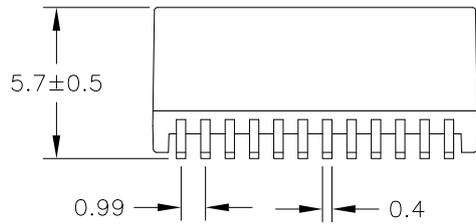




Mechanical



Suggested Pad Layout



Dimensions: mm unless otherwise specified, tolerances as ± 0.25