

2.5G BASE-T SINGLE PORT MAGNETICS MODULE

P/N: TK24020DE3 DATA SHEET



Feature

- Comply with RoHS requirements.
- Comply with IEEE802.3bz
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +105°C.

Rev :A/0

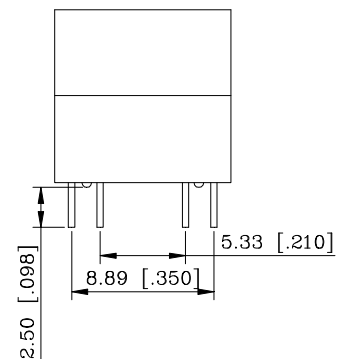
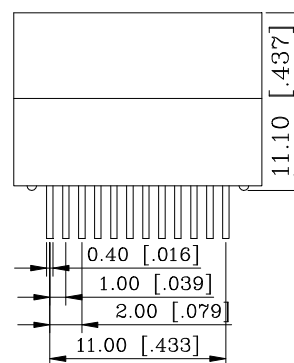
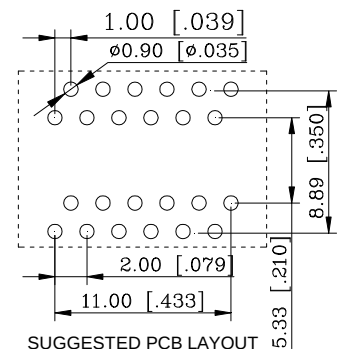
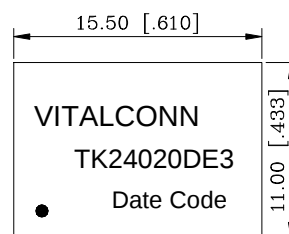
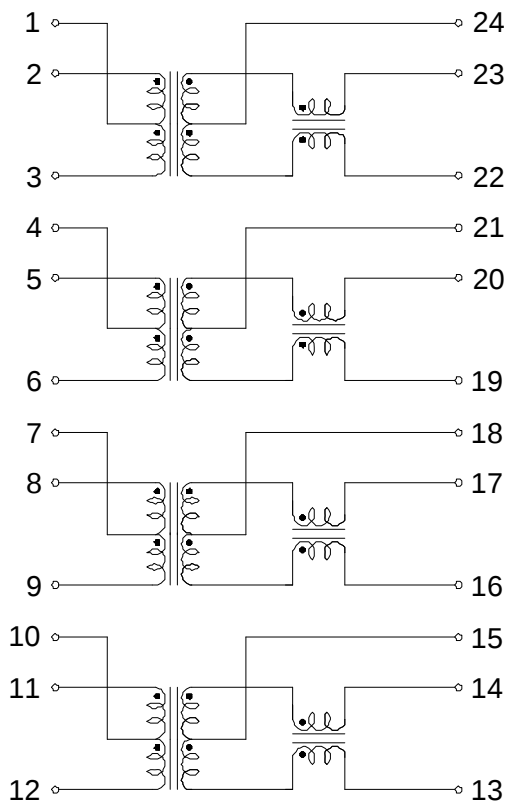
FCN: E3

Electrical Specifications @ 25°C

OCL:	180uH Min. @100KHz/0.1V
Hi-Pot :	1500Vrms
Turns Ratio:	1CT:1CT±3%
D.C.R:	1.0 ohm Max
Insertion Loss:	-1.0dB Max@1-100MHz
	-1.5dB Max@100-125MHz
Return Loss:	-16dB Min @1-40MHz
	-16+10log(f/40)dB Min@40-250MHz
Cross Talk :	-30dB Min@1-125MHz
CMRR:	-30dB Min@1-125MHz

Schematic

Mechanical



1. Unit: mm[inch]

2. Unless otherwise specified, all tolerances are ±0.25[.01]