



SL100TX

100 Base-TX SIL Filter

General Information

1. Application For 155 ATM, 100 Base-TX & TP-FDDI
2. Low Insertion loss characteristics
3. Integrated Filter and isolation transformer in 7 PIN SIL package
4. Operating temp range: 0°C to +70°C.
5. Storage Temp Range: -25°C to +125°C.

Electrical Characteristics @ 25°C

1. Insertion Loss:

Attenuation:

Frequency	LOG
30KHz	-3 dB MAX
100KHz	-1.20
32MHz	-1
62MHz	-1
160MHz	-2
180MHz	-4

2. 100 OHM Return Loss:

Frequency	LOG
32 MHz	-20 dB MIN
62	-15
100	-11

3. Differential to common mode rejection:

FREQUENCY	LOG
32 MHz	-50 dB MIN
62	-45
100	-40
200	-25

4. Inductance:(100%)at 100 KHz,0.2V (1-2)=400 uH Min with 8 mA of DC bias applied when measured on an RCL1692 or equivalent
6. Hi-Pot Test: 1650 Vrms/0.5mA 1 Sec.

Schematic & Dimensions & Marking (Unit mm):

