

Coupling Transformer

TPT -7637- 4C100B



ISO 7637-4

- Mazda MES PW 67602
- GJB 151A-97
- GJB 151B
- MIL-STD-461F

Introduction

The TPT-7637-4C100B coupling transformer is a broadband coupling transformer specifically designed for the Low-Frequency Sinusoidal Disturbance Pulse B transient immunity test defined in ISO 7637.

It transfers time-harmonic (sine) or pulse signals to the EUT through magnetic coupling, providing no waveform diatortion and physical isolation. The transformer is also suitable for conducted susceptibility (immunity) tests specified in Mazda MES PW 67602, GJB 151A, GJB 151B, and MIL-STD-461F.

Technical Parameters

Max. Unsaturated Voltage	15 V@15 Hz≤f≤3 kHz 25 V@3 kHz≤f≤30 kHz 2.5 V@30 kHz≤f≤300 kHz
Primary Max. Current	32 A
Max. EUT Current	100 A
Frequency Range	10 Hz ~ 300 kHz
Dimension	440 mm (L)*190 mm (H)*585 mm (D)
Weight	60 kg

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