Introduction

This type 31-1 ferrite suppression core is a MnZn ferrite designed specifically for EMI suppression applications from as low as 1MHz up to 500MHz. For DRSSTC applications, these are commonly used as EMI suppressors in high power gate transformers, typically those used with CM300 and CM600 IGBT brick modules.

Typical Applications:

- Gate transformers (up to 350kHz)
- Current transformers (1000A+)
- Half-bridge and full-bridges
- Solid state Tesla Coils (SSTCs)
- DRSSTCs
- Flyback drivers

Physical Dimensions
Typical Application – EMI Suppression in CM300 / CM600 Gate Transformer

(shown with Ferrite Toroid 5000-1 Core)