



MaDC软磁铁氧体和金属粉芯

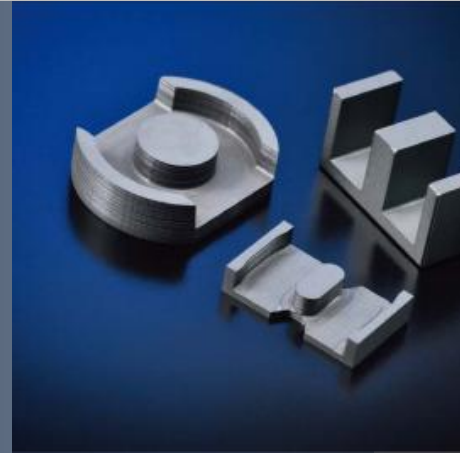
Soft Ferrite aDC-F¹ and Metal Powder Cores



逆变器相关

满足客户的多样化、高性能的需求

Material portfolio for various, high performance requirement



概要

300kHz—3MHz频段(MaDC) 的低损耗软磁铁氧体材料和高电阻金属材料 (HRM)
实现高频驱动产品的小型化

The series of low loss soft ferrite materials from 300kHz to 3MHz (aDC-F), and the high resistance metal materials(HRM) contribute to the miniaturization of high frequency devices and products.

MaDC-F[®]

用途

数据中心、车载等变压器、电感器
Transformer, Inductor for datacenter, automotive, etc.

特点

· 软磁铁氧体 (Madc系列) · Soft Ferrite (MaDC-F Series)

ML27D:300-500kHz, 20-100°C宽温度范围内低损耗材料

20-100 degC flat low loss material at the frequency 300kHz to 500kHz

ML95S:500kHz-1MHz低损耗材料

Low loss material at the frequency 500kHz to 1MHz

ML91S:1-5MHz低损耗材料

Low loss material at the frequency 1MHz to 5MHz

· 金属粉芯 · Metal Powder cores

HRM40: 金属材料+高电阻对应复杂形状

Metal material with high resistivity Complex Shape availability

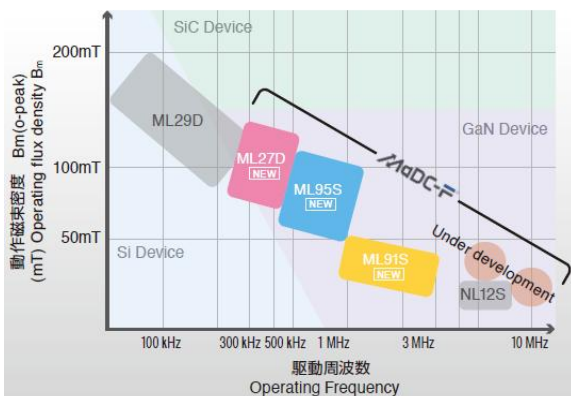
HRM55: 在保持高电阻的同时实现高磁导率

Higher permeability than HRM40 with same resistivity



磁通量密度与驱动频率的关系

Relationship between operating flux density and operating frequency



磁导率与电阻率的关系

Relationship between permeability and resistivity

