

Inductors(Coils) **Inductors(Coils)**

Product Top Page Search by Part No. Search by Characteristics Cross Reference Catalog Tech Notes Technical Support Tools Help

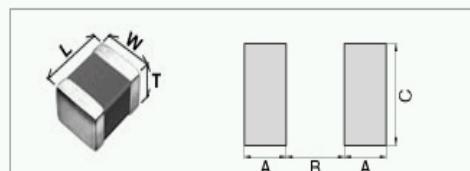
**MLP2520W2R2MT0S1** Inductors(Coils)

**Applications** Commercial Grade

**Feature**  
 Multilayer  
 Magnetic Shield  
 Ferrite Core

**Series** MLP Series / MLP2520 Type

**Status** Production



Size	
Length(L)	2.50mm +/-0.15mm
Width(W)	2.00mm +/-0.15mm
Thickness(T)	0.85mm +/-0.15mm
Recommended Land Pattern (A)	0.70mm Nom.
Recommended Land Pattern (B)	1.40mm Nom.
Recommended Land Pattern (C)	2.00mm Nom.

Electrical Characteristics	
Inductance	2.2uH +/-20% at 2MHz
Rated Current (Temperature Rise) [Max.]	1.2A (40degC Rise)
DC Resistance [Nom.]	160mΩ
DC Resistance [Max.]	208mΩ

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-40 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	No
Packing	Blister (Plastic)Taping [180mm Reel]
Package Quantity	3000Pcs Min.
Weight	0.015g

**Request Now**

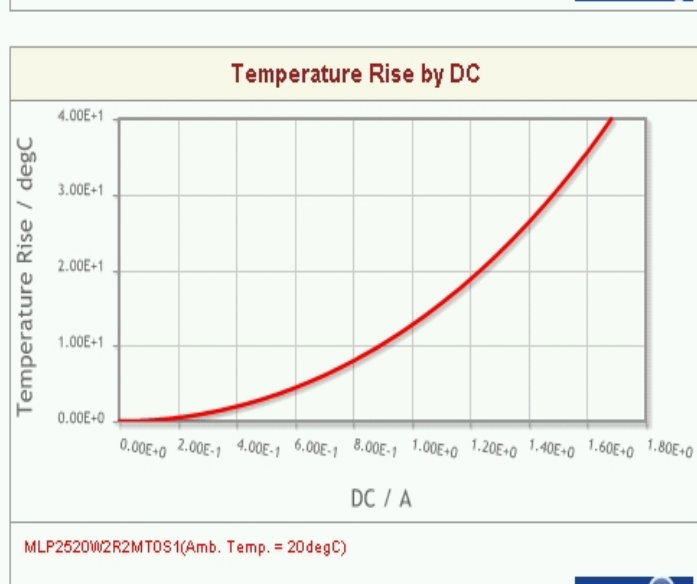
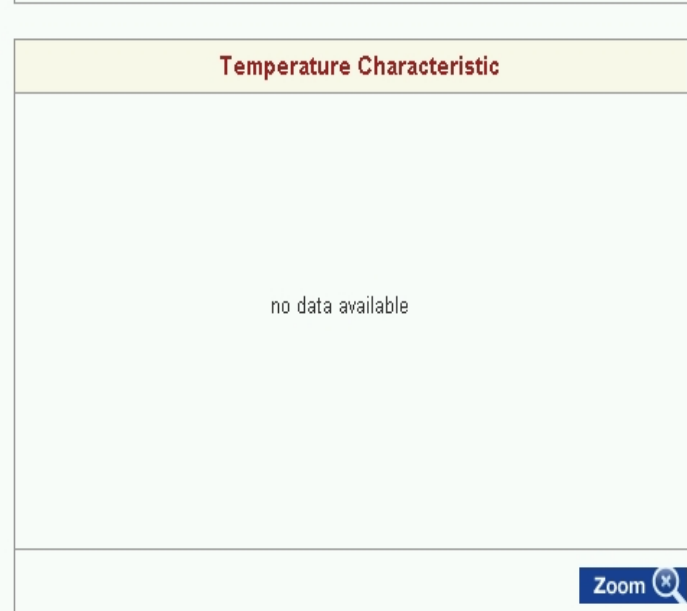
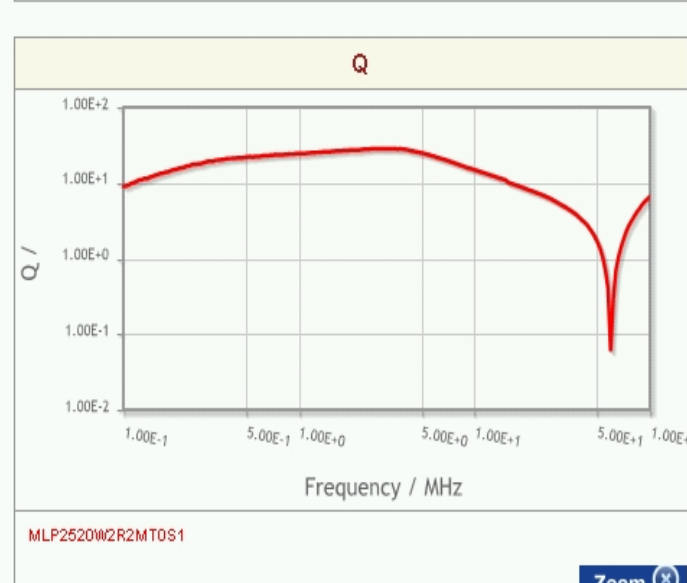
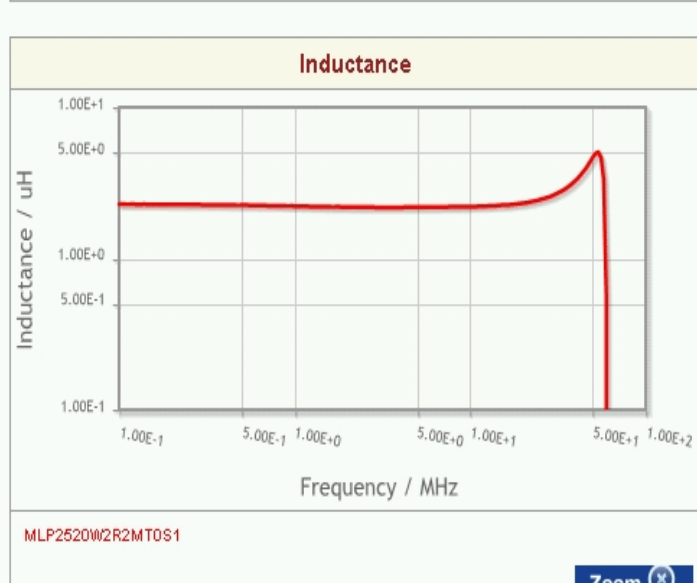
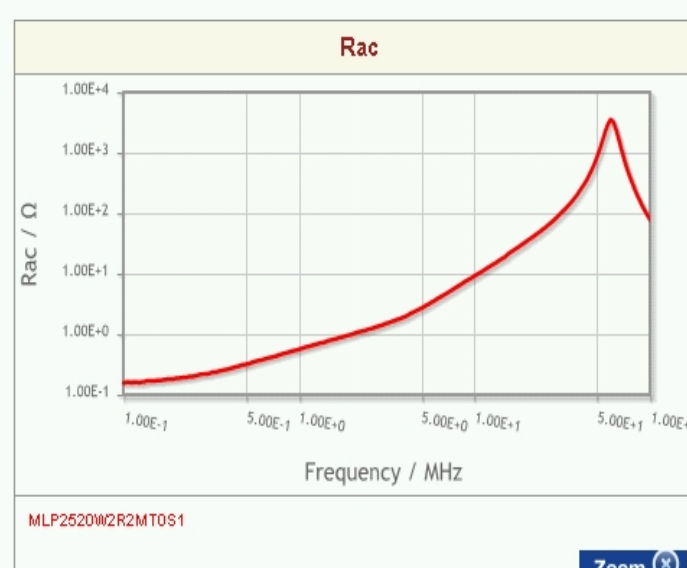
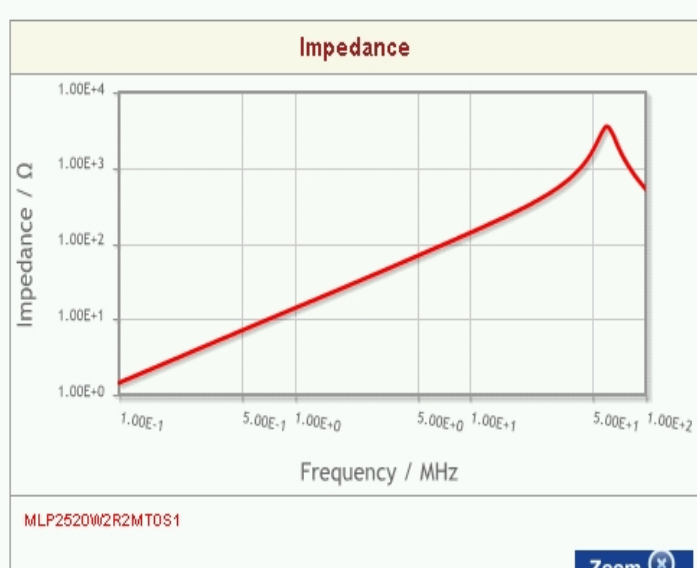
**Contact**

- Documents**
- Catalog
  - RoHS Certificate
  - REACH Certificate
  - Product Lineup
  - FAQ
  - [FAQ] What is a magnetic shield type?

**Design Tools**

- S-parameter

**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



**Products**

» Search by Part No. » Search by Characteristics » Distributor Inventory Check

- » Capacitors
- » Inductors (Coils)
- » EMC Components
- » RF / SAW Components and Modules
- » Voltage Protection Devices
- » Current Protection Devices
- » Temperature Protection Devices
- » Sensors and Sensor Systems
- » Ceramic Switching / Heating, Piezo Components and Buzzers
- » Transformers
- » Ferrites and Accessories
- » Noise Suppression Sheets / Magnetic Sheets
- » Anechoic Chambers and Radio Wave Absorbers
- » Power Supplies
- » Magnets
- » Flash Storage
- » Wireless Charging
- » FA Systems
- » ITO Transparent Conductive Film
- » Micro Modules (Substrates with Built-in ICs, Products Utilizing with SESUB)

**Application Guides**

- Technical Support
- Tech Library
- Environment
- Contact
- News
- Home

About TDK  
 TDK Worldwide