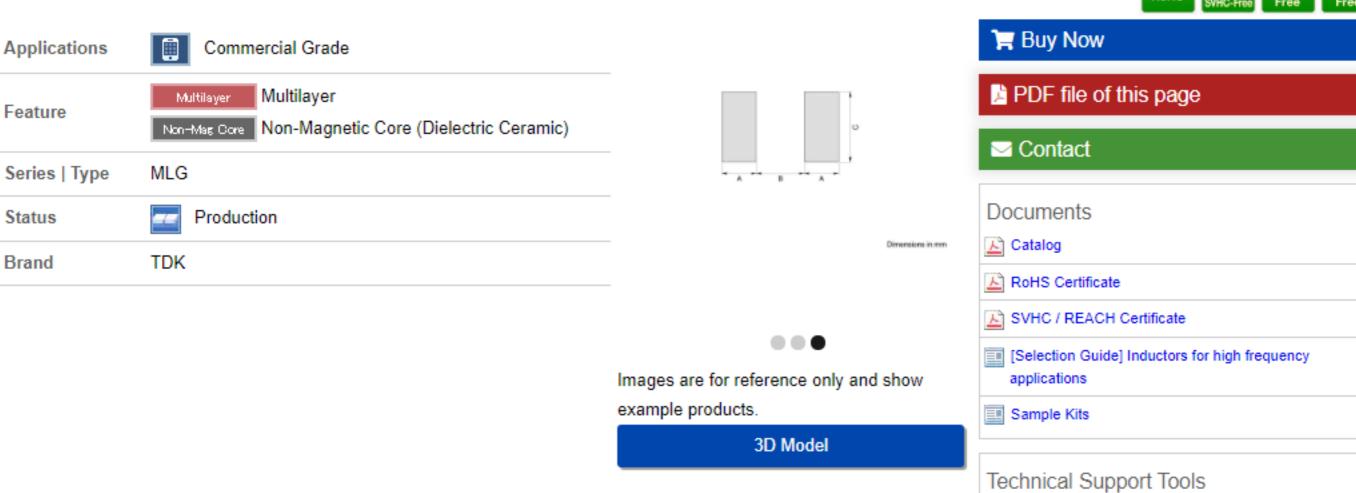
## SMD / SMT Inductors (Coils)

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

## MLG1005SR22HT000



S-parameter

SPICE Netlist (Simple)

SPICE Netlist (Precision)

Equivalent Circuit Model

1.00mm ±0.05mm

Size 0.50mm ±0.05mm

Length(L) Width(W) Thickness | Height 0.50mm ±0.05mm

0.50mm Nom. 0.40mm Nom.

Recommended Land Pattern (A) Recommended Land Pattern (B) Recommended Land Pattern (C) 0.50mm Nom.

**Electrical Characteristics** 

Inductance 220nH ±3% at 100MHz

100mA  $3.02\Omega$ 

4.2Ω

Rated Current

DC Resistance [Typ.] DC Resistance [Max.] 450MHz

500MHz

8 at 100MHz

Self Resonant Frequency [Min.] Self Resonant Frequency [Typ.] Q [Min.] 12 at 100MHz Q [Typ.]

Other Operating Temp. Range (Including Self-Temp. Rise) -55 to 125°C Reflow Soldering Method Iron Soldering AEC-Q200 NO Punched (Paper)Taping [180mm Reel, Tape width 8mm] Packing

10000pcs

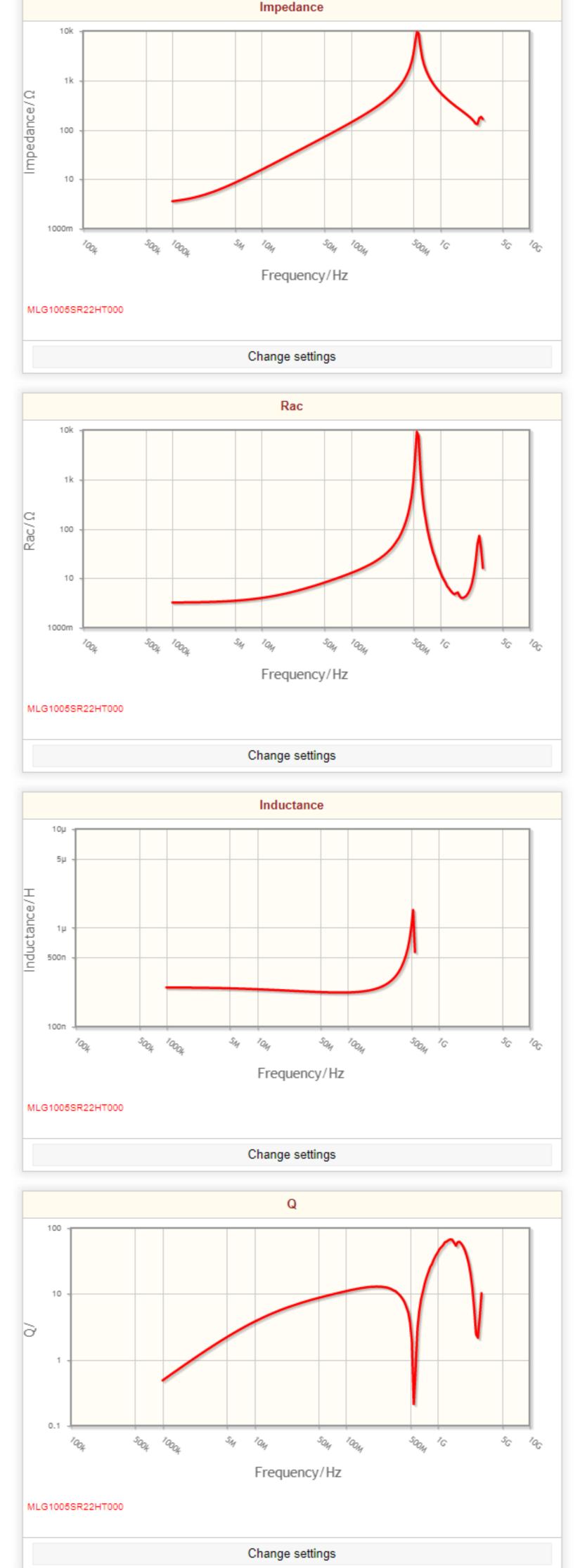
0.001g

Package Quantity

Weight

## Impedance

Characteristic Graph (This is reference data, and does not guarantee the products characteristics.)



## Multilayer Ceramic Chip Capacitors Capacitance=2.7nF Edc=100V

Customers who viewed this product also viewed

C2012C0G2A272J125AA



> Ferrites and Accessories

> Lithium-Ion Batteries

> Anechoic Chambers and Radio Wave Absorbers

> Application Specific IC (ASIC) Development and

T.C.=C0G LxWxT:2x1.25x1.25mm



LxWxT:2x1.25x0.6mm High Temp. (Up to 150°C)

> News

C2012NP01H272J060AA

Capacitance=2.7nF

Edc=50V

T.C.=NP0

Multilayer Ceramic Chip Capacitors

> Home > Selection Guides > Search by Part No. > Search by Characteristics > Cross Reference > Distributor Inventory Check > Application Guide > Products

> Inductors (Coils) > Technical Support > Capacitors

> Noise Suppressing / Magnetic Sheet

> EMC Components > RF Components

> Tech Library > Voltage / Current / Temperature Protection Devices > Sensors and Sensor Systems

> Environment > Ceramic Switching / Heating, Piezo Components, > Transformer Contactors, Buzzers and Microphones > Contact

> Flash Storages > Magnets > About TDK > Wireless Power Transfer > FA Systems > TDK Worldwide

> Power Supplies

> Transparent Conductive Film > Micro Modules (Substrates with Built-in ICs, Products Utilizing with SESUB)

> HDD Heads > Solar Cells

> Solid-State Batteries

> Biosensors

Supply

Terms of Use Privacy Policy Cookie Policy Counterfeit Products