

High Vibration Resistant Power Choke Coil

M0854MS Series

Panasonic
INDUSTRY



Vibration acceleration-resistance of 50G

To integrate ECUs within the engine Panasonic Industry developed the new ETQP5M2R5YSK power choke coil for automotive use. Thanks to the high vibration resistance, no anti-vibration reinforcement is needed and therefore streamlines the production process. Panasonic Industry offers a wide range of Power Choke Coils. For applications that require high vibration resistance the M1050MS Series is also available, with an inductance of 0.68 μ H.

Key Features

- Designed for high bias current
- Excellent inductance stability over current due to Panasonic unique metal composite technology
- Low loss characteristics
- VDE approval according to DIN EN 60947-5-1 available
- AEC-Q200 automotive qualified
- RoHS compliant
- Operation up to 150 °C including self-heating



Automotive ECU

- Various integrated electro-mechanical subsystems
- Can directly be mounted in engine and powertrain



Automotive Noise Filter

- For drive circuitry requiring high temperature operation and peak current handling capability (i.e. break control)



Automotive Converters

- Boost-Converter
- DC/DC Buck-Converter



For further Information, please contact inductor@eu.panasonic.com