

ABC INDUCTORS EXTENDS THE AVAILABLE CASE SIZES OF THE QS SERIES



For their QS series, ABC chose square type ferrite cores instead of the commonly used round version which enables the total automatization of all process steps. This change enlarges the available space for the winding. The application of modern ferrite mixtures helps to further optimize all electronic performances, especially the Rdc, which leads to a reduction of total losses. By omitting the manual process steps, the production yield rate and quality are significantly increased.

FEATURES

- Improved construction and modern materials help to optimize the performance.
- Magnetically shielded for optimal EMC
- Value Range 1.0 ... 1000 μ H
- Improved DCR
- Wide, rectangular terminals for optimal connection

APPLICATIONS:

- General DC/DC converter in consumer and industrial electronics
- Electronic measuring, control and regulating technology
- Metering devices
- Peripheral and IT devices
- Suitable for Automotive (AEC-Q200)



GENERAL PARAMETERS

| | | | | | | |
|-------------|----------|-------------|------------|---------------|-------------|------------|
| In M/P | QS3818-L | 3.8x3.8x1.8 | 1.0 ~ 100 | 27.5 ~ 2040 | 2.1 ~ 0.2 | 3.6 ~ 0.34 |
| New in M/P | QS3828-L | 3.8x3.8x2.8 | 3.3 ~ 100 | 37 ~ 956 | 1.7 ~ 0.32 | 2.5 ~ 0.48 |
| In M/P | QS4818-L | 4.8x4.8x1.8 | 1.0 ~ 100 | 19.2 ~ 1158.4 | 3.6 ~ 0.33 | 5.1 ~ 0.5 |
| In M/P | QS4828-L | 4.8x4.8x2.8 | 1.2 ~ 560 | 18.5 ~ 2605.5 | 3.0 ~ 0.15 | 5.0 ~ 0.3 |
| New in M/P | QS5828-L | 5.8x5.8x2.8 | 2.6 ~ 680 | 23 ~ 4045 | 3.15 ~ 0.21 | 4.5 ~ 0.31 |
| New in M/P | QS5818-L | 5.8x5.8x1.8 | 1.5 ~ 220 | 24 ~ 3085 | 3.9 ~ 0.32 | 4.8 ~ 0.33 |
| New in M/P | QS6828-L | 6.8x6.8x2.8 | 2.5 ~ 1000 | 23 ~ 4070 | 3.4 ~ 0.17 | 4.9 ~ 0.3 |
| Coming soon | QS3228-L | 3.2x3.2x2.8 | | | | |
| Coming soon | QS5218-L | 5.2x5.2x1.8 | | | | |
| Coming soon | QS5218-L | 5.2x5.2x2.8 | | | | |
| Coming soon | QS6222-L | 6.2x6.2x2.2 | | | | |



Coming soon

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