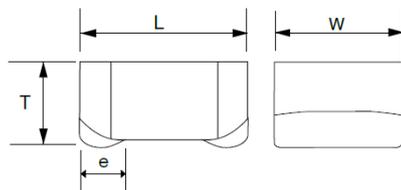


LCQPB321919TR22M



■ Features

- Item Summary
0.22uH±20%, 2.7A, 1207/3219 (EIA/JIS)
- Lifecycle Stage
Mass Production (Preferred)
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs

■ Products characteristics table

| | |
|---|---|
| Inductance | 0.22 uH ± 20 % |
| Case Size (EIA/JIS) | 1207/3219 |
| Rated Current (max) | 2.7 A |
| Saturation Current (max) | 4.1 A (ΔL=30%) |
| Saturation Current (typ) | 4.5 A (ΔL=30%) |
| Temperature Rise Current (max) | 2.7 A (ΔT=40°C) |
| Temperature Rise Current (typ) | 3.1 A (ΔT=40°C) |
| DC Resistance (max) | 30 mΩ |
| DC Resistance (typ) | 25 mΩ |
| Self Resonant Frequency (min) | 800 MHz |
| Operating Temp. Range | -40 to +125 °C (Including self-generated heat) |
| Temperature characteristic (Inductance change) | ± 20 % |
| Measuring Frequency | 25.2 MHz |
| RoHS Compliance (10 subst.) | Yes |
| REACH Compliance (251 subst.) | Yes |
| Halogen Free | Yes |
| Soldering | Reflow |

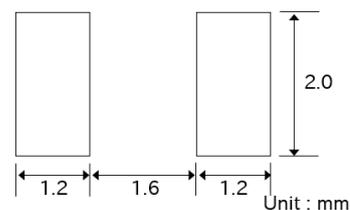
■ External Dimensions

| | |
|-------------|----------------|
| Dimension L | 3.2 ± 0.2 mm |
| Dimension W | 1.9 ± 0.2 mm |
| Dimension T | 1.95 ± 0.2 mm |
| Dimension e | 0.85 ± 0.25 mm |

■ Recommended Land Patterns

【推奨ランドパターン】
実装上の注意
-実装状態を確認の上ご使用くださいようお願いいたします。
-本製品のはんだ付けはリフローはんだ工法に限ります。

【Recommended Land Patterns】
Surface Mounting
-Mounting and soldering conditions should be checked beforehand.
-Applicable soldering process to this products is reflow soldering only.



2025.12.04

The data is reference only. Electrical characteristics vary depending on environment or measurement condition.
TAIYO YUDEN reserves the right to make change to the Data at any time without notice.
Before making final selection, please check product specification.