



## New ELG-TEA Series Multi-Layer Power Inductor



### Superior DC Current Bias Characteristics with an Expanded Temperature Range!

Panasonic, a worldwide leader in Inductor Products, is pleased to introduce the **NEW ELG-TEA Series** of multi-layer power inductors. These power inductors feature a small 0805 case size and excellent DC current bias characteristics, driven by Panasonic's proprietary laminating process technology. With an expanded temperature range of -40 °C to +125 °C, the **ELG-TEA Series** is great for applications that endure strenuous temperature exposure. Six models are available ranging from 0.47 to 4.7 µH and 0.8 to 1.2 A.

#### Features

- Proprietary Laminating Process Technology
- 0805 Case size [2.0×1.25×(1.0mm max.)]
- Operating temperature range: -40 °C to +125 °C (Incl. Self-Heating)
- Inductance Range : 0.47 to 4.7 µH
- Rated Current : 0.8 to 1.2 A
- RoHS Compliant

#### Benefits

- Superior DC Current Bias Characteristics
- Minimizes Space on PCB
- Can Withstand Strenuous Thermal Environments
- Covers a Wide Range of Applications with Six Available P/N

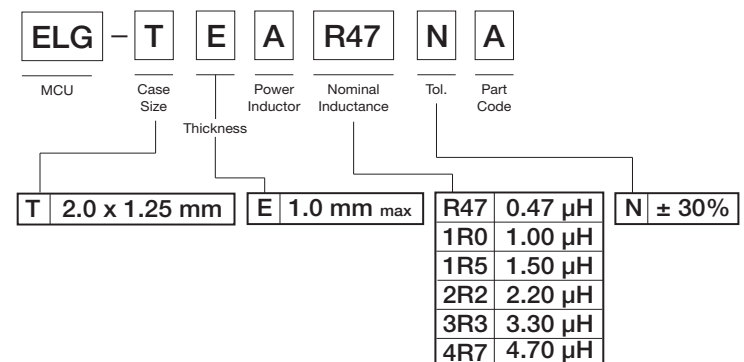
#### Industries

- Electronics
- Telecommunications
- Photography

#### Applications

- DC/DC Converter
- Smart Phones
- Digital Still Cameras

#### Part Number Information



#### Additional Information

For detailed specification information on the **ELG-TEA Series**, visit our website at:

<http://www.panasonic.com/industrial/electronic-components/inductive-products/>