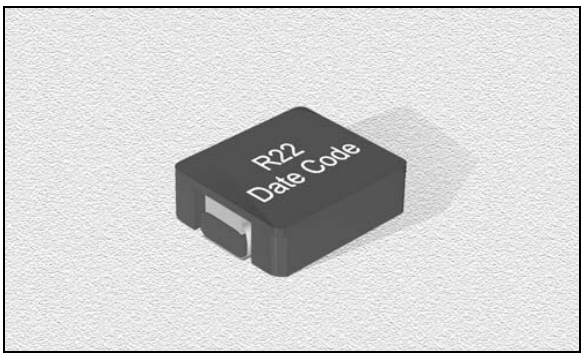
# GVFP3 Series

## From .10 µH to 1.3 µH



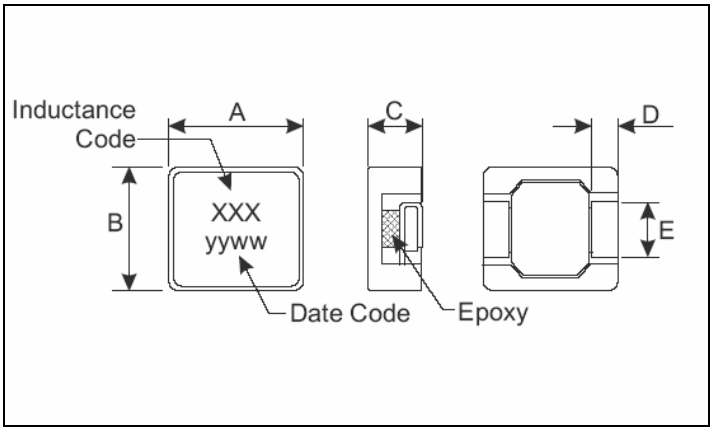

## SPECIFICATIONS

**Parts numbers indicate tolerance available.**
**M = ±20%, N = ±30%**
*Irate DC current rating at 40°C temperature rise(typical)
**Imax DC current rating at 80°C temperatre rise(typical)

| Part Number | Inductance (µH) | *Irate (A) | ΔL/L0 @Irate | **Imax (A) | DCR Max. (mΩ) | Height C (mm) |
|---|---|---|---|---|---|---|
| GVFP3-R10N | .10 | 25.5 | ≤20% | 32 | 1.5 | 3.4±0.3 |
| GVFP3-R22N | .22 | 22.0 | ≤25% | 28 | 2.0 | 3.5±0.3 |
| GVFP3-R39N | .39 | 19.0 | ≤30% | 23 | 23 | 3.5±0.3 |
| GVFP3-R62M | .62 | 11.0 | ≤25% | 15 | 9.7 | 3.2±0.3 |
| GVFP3-1R0M | 1.0 | 10.5 | ≤30% | 13.5 | 11.0 | 3.3±0.3 |
| GVFP3-1R3M | 1.3 | 9.5 | ≤30% | 12 | 12.2 | 3.3±0.3 |

## PHYSICAL DIMENSIONS

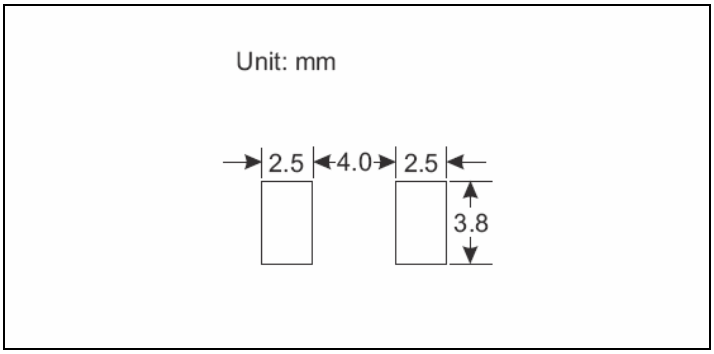
| Size | A | B | C | D | E |
|---|---|---|---|---|---|
| mm | 7.4±0.3 | 6.7±0.3 | See | 1.27±0.15 | 3.0±0.5 |
| inches | 0.291±0.01 | 0.264±0.01 | Ordering Info | 0.05±0.006 | 0.118±0.02 |




## CHARACTERISTICS

Description: SMD low profile high current inductors
Applications: Excellent for power line DC/DC conversion applications used in notebook computers and other handheld equipment.
Operating Temperature: -25°C to +125°C
Inductance Tolerance: ±20%, ±30%
Testing: Inductance and Q tested on an HP4285A at 100kHz, 250mV.
Packaging: Tape & Reel
Marking: Parts are marked with inductance code & date code
Additional Information: Additional electrical & physical information available upon request
Samples available. See website for ordering information.

## PAD LAYOUT

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