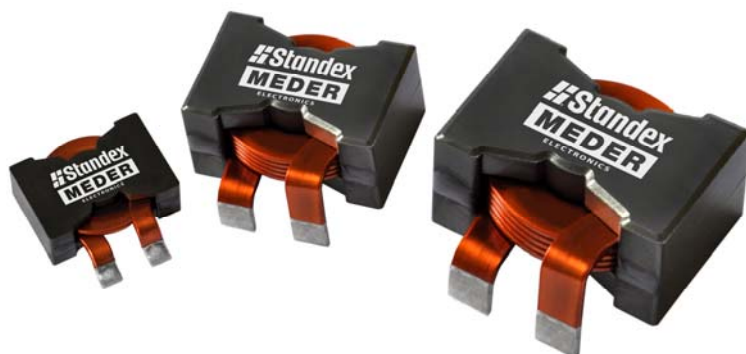


# Planar Inductors for the PQ20,26,32 Sizes *0.4-6.0 $\mu$ H, 80A max*



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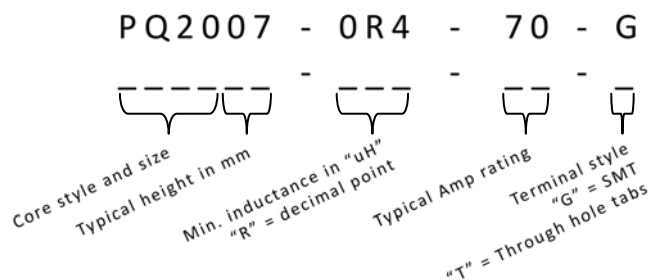
- Planar magnetics have a better power density and performance compared to equivalent wire wound transformer designs.
- Standex-Meder has multiple manufacturing facilities around the world including TS16949 and AS9100 certified and ITAR registered sites.
- Standex-Meder specializes in customizing designs to specific customer needs for a wide power range. Please contact us to provide the optimal solution for your application.
- Applications include but are not limited to: switching power supplies, DC/DC converters in distributed power systems, FIGA and low-profile high-current, high current POL converters, feedback control, overload sensing, load drop and shut down detection
- Markets include Electronics, Telecommunications, Medical, Aerospace, Industrial, Automotive, Appliance and many others

## Standard PN Datasheet

| Catalog Part Number  | Core Style | Height (mm) | Nom. Amps | Inductance ( $\mu$ H) | DCR (m $\Omega$ ) Nom. | Isat (A) typ |          |
|----------------------|------------|-------------|-----------|-----------------------|------------------------|--------------|----------|
|                      |            |             |           |                       |                        | 10% drop     | 20% drop |
| PQ2007-0R4-70-G or T | PQ20       | 7           | 70        | 0.4                   | 0.7                    | 71           | 83       |
| PQ2006-1R0-30-G or T | PQ20       | 6           | 30        | 1.0                   | 1.0                    | 35           | 39       |
| PQ2007-2R2-25-G or T | PQ20       | 7           | 25        | 2.2                   | 3.5                    | 29           | 32       |
| PQ2007-4R4-15-G or T | PQ20       | 7           | 15        | 4.4                   | 3.6                    | 16           | 18       |
| PQ2613-1R0-80-G or T | PQ26       | 13          | 80        | 1.0                   | 1.2                    | 110          | 120      |
| PQ3213-0R9-70-G or T | PQ32       | 13          | 70        | 0.9                   | 1.0                    | 100          | 110      |
| PQ3218-3R3-70-G or T | PQ32       | 18          | 70        | 3.3                   | 1.1                    | 74           | 80       |
| PQ3218-6R0-50-G or T | PQ32       | 18          | 50        | 6.0                   | 1.5                    | 51           | 57       |

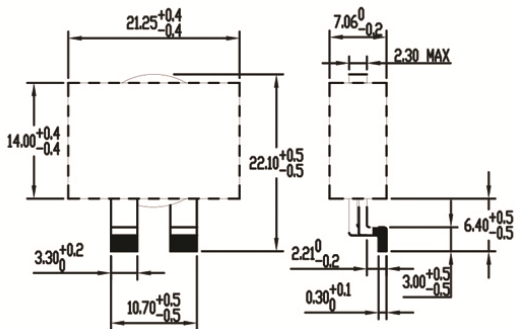
Notes: All Electrical Values at 25°C | Pri: Sec'y: Core Isolation 300 Vrms | Maximum Non-Operating Temperatures : -55°C to +180°C | Maximum Operating Rated Temperatures: -30°C to +125°C

## Example

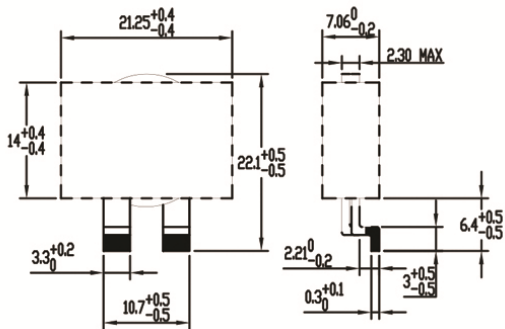


**Mechanical Dimensions – Planar Inductors for the PQ20,26,32 Sizes | 0.4-6.0 $\mu$ H, 80A max**

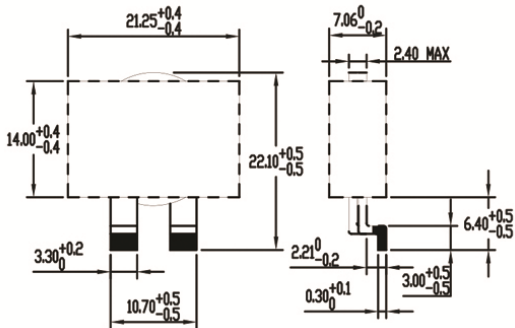
**PQ2007-0R4-70-G | 0.4  $\mu$ H**



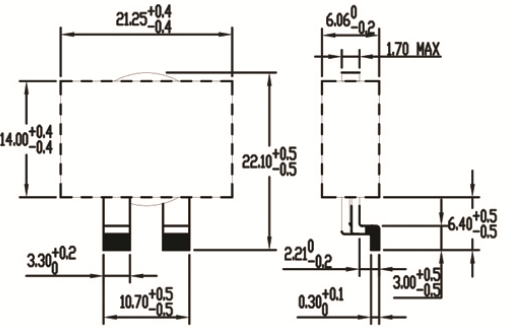
**PQ2007-2R2-25-G | 2.2  $\mu$ H**



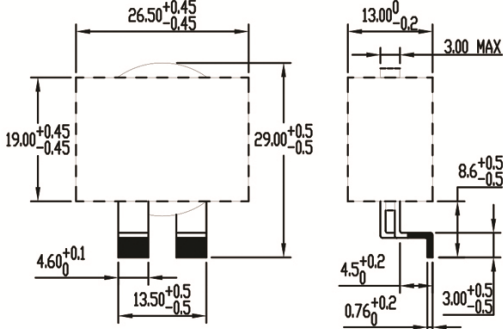
**PQ2007-4R4-15-G | 4.4  $\mu$ H**



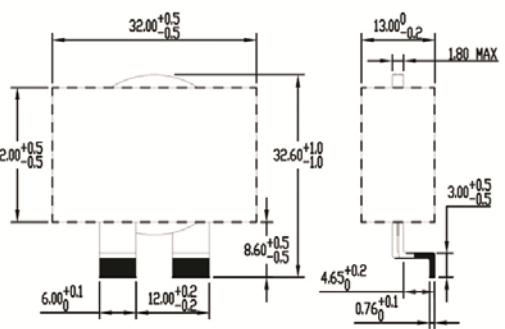
**PQ2006-1R0-30-G | 1.0  $\mu$ H**



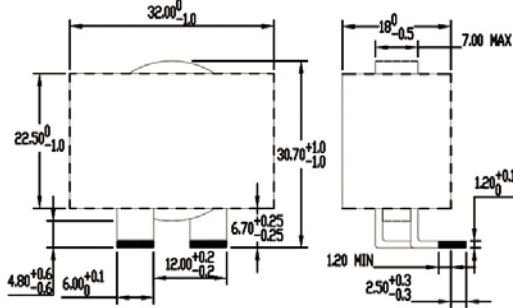
**PQ2613-1R0-80-G | 1.0  $\mu$ H**



**PQ3213-0R9-70-G | 0.9  $\mu$ H**



**PQ3218-3R3-70-T | 3.3  $\mu$ H**



**PQ3218-6R0-50-T - 6.0  $\mu$ H**

