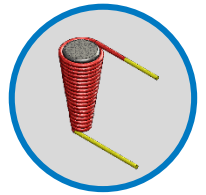




# Kit #3 – High Current Conical



## Features

- Adjusted loading for higher RF power applications
- Current handling up to 2.75 A
- RoHS compliant

## Kit #3 – Conical Inductor Specification

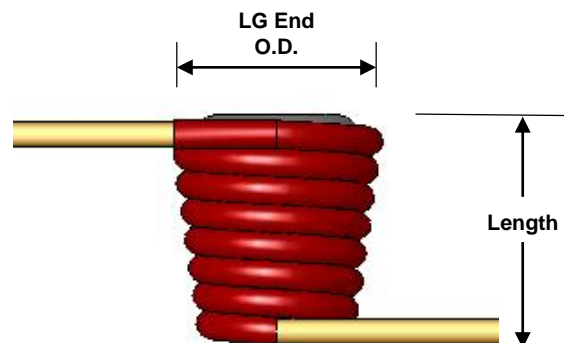
| Part Number     | L (uH) | I max (A) | Upper Freq. Limit (GHz) Typ. | Return Loss (dB) Typ. | Insertion Loss (dB) Typ. | DCR Typ (Ohms) | Foot Print (OD x L) Inch |
|-----------------|--------|-----------|------------------------------|-----------------------|--------------------------|----------------|--------------------------|
| CC12T30K240G5   | .145   | 2.75      | 7.5                          | -16                   | -.35                     | .160           | .085 x .150              |
| CC25T30K240G5   | .825   | 2.50      | 6                            | -16                   | -.35                     | .280           | .120 x .325              |
| CC12T30K240G5-X | .062   | 2.75      | 7                            | -16                   | -.35                     | .160           | .085 x .150              |
| CC21T36K240G5-X | .150   | 1.00      | 18                           | -16                   | -.35                     | .140           | .070 x .135              |
| CC25T30K240G5-X | .275   | 2.50      | 6                            | -16                   | -.35                     | .280           | .120 x .325              |

Custom conicals available upon request - Contact Piconics for more info.

S-Parameters available @ [www.piconics.com](http://www.piconics.com)

## Mechanicals:

|                         |                 |
|-------------------------|-----------------|
| Wire                    | Copper          |
| Insulation              | 240°C Polyimide |
| Standard G5 Lead Finish | 5-10 µin Au     |
| Packaging               | Gel Pak         |



## Environmental:

|                 |                 |
|-----------------|-----------------|
| Operating Temp. | -55°C to 155°C  |
| Storage Temp.   | -55°C to 155°C  |
| RoHS Compliant  | Yes             |
| Outgas          | Meets ASTM E595 |

\*Not Drawn To Scale\*  
\*Dimensions in Inches\*



[www.piconics.com](http://www.piconics.com)

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