### XEL/XAL/XGL

**High current & high frequency power inductors**

- Wide range of sizes and inductance values (up to size 1580 and 33 µH)
- Perfect for high temperature applications
- Find your required inductance in the far left column.
- Read up to see the Coilcraft product series and dimensions.
- High current handling (up to 111 A)
- Soft saturation characteristic to withstand high current spikes
- Very low DCR

#### Specifications

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<thead>
<tr>
<th>Base Wire</th>
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<th>XEL3530</th>
<th>XEL355X</th>
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**Key**

- High voltage version available
- Specifications subject to change without notice. Document 3793X-1 Revised 09/27/19

For free evaluation samples or more information, visit www.coilcraft.com or call 800-322-2645.
# XGL, XEL, XAL or XFL?

## Making the Best Choice
Coilcraft offers four popular styles of high-performance molded power inductors, our XGL, XEL, XAL and XFL Families. They are mechanically rugged and magnetically shielded for use in high-density circuits. Each style offers unique performance benefits.

## NEW! XGL
- Lowest DCR & widest inductance range
- Lowest DCR
- Widest inductance range
- Highest RMS current rating
- Lowest power losses over wide frequency range (up to 10 MHz)
- Soft saturation characteristics to withstand high current spikes
- No thermal-aging issue and perfect for high-temperature applications

## XEL/XAL
- High current & high frequency
- Wide range of sizes and inductance values (up to size 1580 and 33 µH)
- Low inductance values for high-frequency applications (as low as 0.072 µH)
- Low AC losses at high-frequency range (2 to 10 MHz)
- Highest current handling
- Soft saturation characteristics to withstand high current spikes
- Very low DCR
- No thermal-aging issue and perfect for high-temperature applications

## XFL
- Low DCR & lowest profile
- Low DCR
- Lowest profile
- Suitable for IoT / Wearables
- Offers low inductance values for high-frequency applications
- No thermal-aging issue

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### Inductance Inductance

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<thead>
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<th>L nom (µH)</th>
<th>DCR typ (mOhms)</th>
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## Specifications

1. Find your required inductance in the far left column.
2. Scan the row until you find the desired current rating (bold number); parts from there to the right meet your requirement.
3. Read up to see the Coilcraft product series and dimensions.