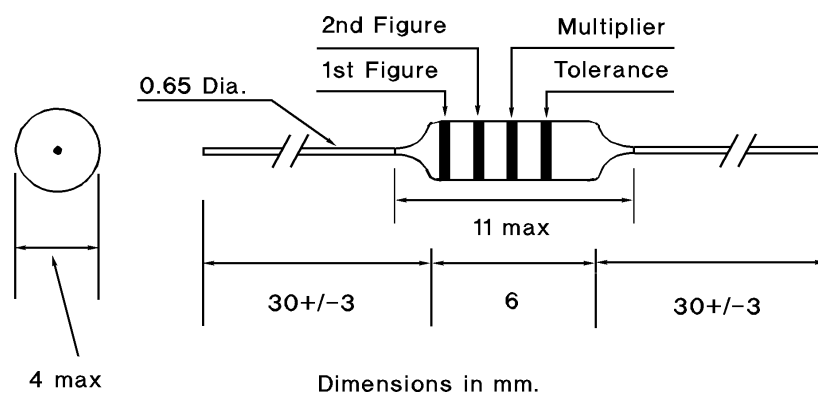


# TYPE 15EC36

## GENERAL PURPOSE INDUCTORS



Core ..... Ferrite  
 Coating ..... Epoxy  
 Insulation withstand voltage ..... 250V a.c.  
 Load on Terminals ..... 1Kg max  
 Working Temperature ..... -55 to +85°C ambient  
 Marking ..... Standard colour banding  
 (Base unit 1μH)

| Inductance<br>μH | Q   |  | @     | Fr MHz | Rdc Ω | Idc mA |
|------------------|-----|--|-------|--------|-------|--------|
|                  | Min |  | F MHz | Min    | Max   | Max    |
| 0.22 ±20%        | 25  |  | 25.2  | 380    | 0.21  | 880    |
| 0.47 ±20%        | 25  |  | 25.2  | 250    | 0.36  | 650    |
| 1.0 ±10%         | 45  |  | 25.2  | 157    | 0.19  | 920    |
| 2.2 ±10%         | 55  |  | 7.96  | 110    | 0.28  | 750    |
| 4.7 ±10%         | 70  |  | 7.96  | 80     | 0.39  | 620    |
| 10 ±10%          | 85  |  | 7.96  | 45     | 0.58  | 500    |
| 22 ±10%          | 60  |  | 2.52  | 9.9    | 0.84  | 410    |
| 47 ±10%          | 45  |  | 2.52  | 6.3    | 1.22  | 340    |
| 100 ±10%         | 30  |  | 2.52  | 4.8    | 1.8   | 275    |
| 220 ±10%         | 70  |  | 0.796 | 3.0    | 5.1   | 155    |
| 470 ±10%         | 60  |  | 0.796 | 2.3    | 7.7   | 126    |
| 1000 ±10%        | 50  |  | 0.796 | 1.4    | 14    | 100    |

To order these chokes please specify type 15EC36 and the inductance value.

Certain other inductance values are available to special order. Please contact our Sales Office with your requirements.

Examples of colour banding:-

|                    | 1st Fig | 2nd Fig | Multiplier | Tolerance |
|--------------------|---------|---------|------------|-----------|
| 15EC36 u47M Yellow | Purple  | Silver  | Black      |           |
| 15EC36 m22K Red    | Red     | Brown   | Silver     |           |

# FERROPERM