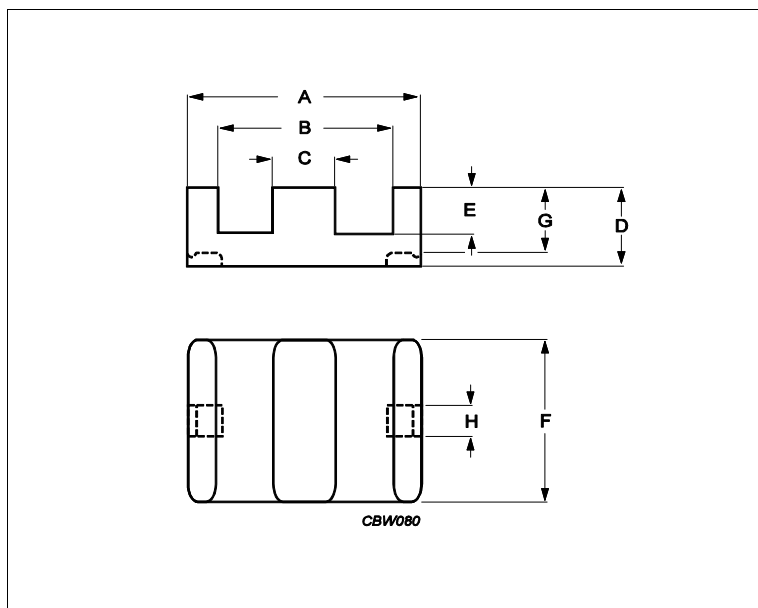
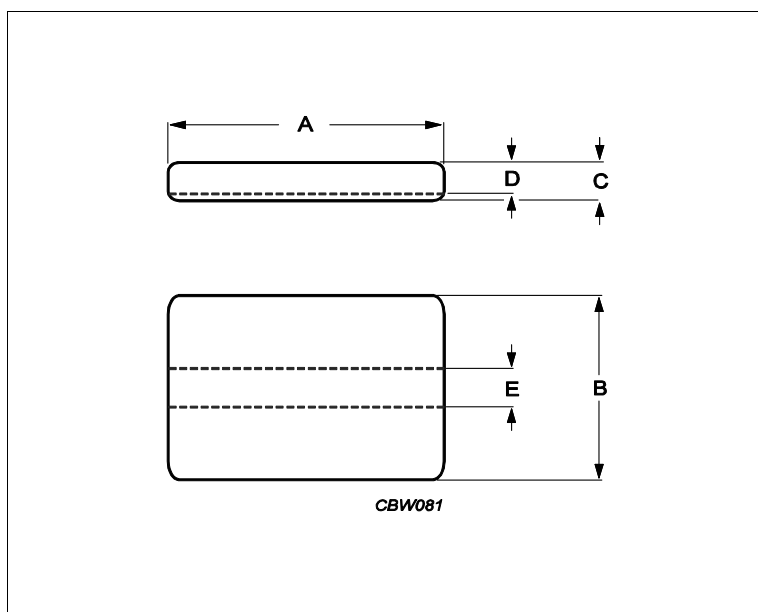


Core **E22/6/16/R + PLT22/16/2.5/S**



| Effective parameters | | | |
|----------------------|------------------|-------|------------------|
| | Parameter | Value | Unit |
| $\Sigma(I/A)$ | core factor (C1) | 0.324 | mm ⁻¹ |
| Ve | effective volume | 2100 | mm ³ |
| Le | effective length | 26.1 | mm |
| Ae | effective area | 78.5 | mm ² |
| Amin | minimum area | 72.6 | mm ² |
| m | E22/6/16/R | ≈ 6.5 | g/pcs |
| m | PLT22/16/2.5/S | ≈ 4 | g/pcs |



| Dimensions for product: E22/6/16/R | | | | | | |
|--|-------|-------|-------|-------|-------|------|
| | Nom | Tol + | Tol - | Max | Min | Unit |
| A | 21.80 | 0.40 | 0.40 | 22.20 | 21.40 | mm |
| B | 16.80 | 0.40 | 0.40 | 17.20 | 16.40 | mm |
| C | 5.00 | 0.10 | 0.10 | 5.10 | 4.90 | mm |
| D | 5.70 | 0.10 | 0.10 | 5.80 | 5.60 | mm |
| E | 3.20 | 0.10 | 0.10 | 3.30 | 3.10 | mm |
| F | 15.80 | 0.30 | 0.30 | 16.10 | 15.50 | mm |
| G | 4.70 | 0.15 | 0.15 | 4.85 | 4.55 | mm |
| H | 2.80 | 0.20 | 0.00 | 3.00 | 2.80 | mm |
| Dimensions for product: PLT22/16/2.5/S | | | | | | |
| | Nom | Tol + | Tol - | Max | Min | Unit |

Core **E22/6/16/R + PLT22/16/2.5/S**

| Dimensions for product: PLT22/16/2.5/S | | | | | | |
|--|-------|-------|-------|-------|-------|------|
| | Nom | Tol + | Tol - | Max | Min | Unit |
| A | 21.80 | 0.40 | 0.40 | 22.20 | 21.40 | mm |
| B | 15.80 | 0.30 | 0.30 | 16.10 | 15.50 | mm |
| C | 2.90 | 0.05 | 0.05 | 2.95 | 2.85 | mm |
| D | 2.50 | 0.10 | 0.10 | 2.60 | 2.40 | mm |
| E | 2.90 | 0.20 | 0.00 | 3.10 | 2.90 | mm |

| Inductance factor | | | | |
|-------------------|-------|-------|-------|-----------------------|
| Material | Value | Tol + | Tol - | Unit |
| 3C92 | 4490 | 25% | 25% | nH/turns ² |
| 3C95 | 7360 | 25% | 25% | nH/turns ² |
| 3C96 | 5450 | 25% | 25% | nH/turns ² |
| 3C97 | 7360 | 25% | 25% | nH/turns ² |
| 3F36 | 3800 | 25% | 25% | nH/turns ² |
| 3F46 | 2400 | 25% | 25% | nH/turns ² |
| 4F1 | 300 | 25% | 25% | nH/turns ² |

| Power loss: 3C92 | | | | |
|----------------------|--------|--------|-------|-------|
| Measuring conditions | | | Max | Unit |
| 100 kHz | 200 mT | 100 °C | 1.100 | W/set |
| Power loss: 3C95 | | | | |
| Measuring conditions | | | Max | Unit |
| 100 kHz | 200 mT | 100 °C | 1.000 | W/set |
| 100 kHz | 200 mT | 25 °C | 1.100 | W/set |
| Power loss: 3C96 | | | | |
| Measuring conditions | | | Max | Unit |
| 100 kHz | 200 mT | 100 °C | 0.940 | W/set |
| 400 kHz | 50 mT | 100 °C | 0.380 | W/set |
| Power loss: 3C97 | | | | |
| Measuring conditions | | | Max | Unit |
| 100 kHz | 200 mT | 60 °C | 1.100 | W/set |
| 100 kHz | 200 mT | 120 °C | 1.000 | W/set |
| 100 kHz | 200 mT | 140 °C | 1.300 | W/set |
| Power loss: 3F36 | | | | |
| Measuring conditions | | | Max | Unit |
| 500 kHz | 50 mT | 100 °C | 0.320 | W/set |
| 500 kHz | 100 mT | 100 °C | 2.400 | W/set |
| Power loss: 3F46 | | | | |
| Measuring conditions | | | Max | Unit |
| 1000 kHz | 50 mT | 100 °C | 0.840 | W/set |
| 3000 kHz | 10 mT | 100 °C | 0.350 | W/set |

Core **E22/6/16/R + PLT22/16/2.5/S**

| Bsat | | | | | |
|----------------------|---------|--------|----------|-----|------|
| Measuring conditions | | | Material | Min | Unit |
| 25 kHz | 250 A/m | 100 °C | 3C92 | 370 | mT |
| 25 kHz | 250 A/m | 100 °C | 3C95 | 330 | mT |
| 25 kHz | 250 A/m | 100 °C | 3C96 | 340 | mT |
| 25 kHz | 250 A/m | 100 °C | 3C97 | 330 | mT |
| 25 kHz | 250 A/m | 100 °C | 3F36 | 340 | mT |
| 25 kHz | 250 A/m | 100 °C | 3F46 | 330 | mT |

| Accessories | | |
|---------------|-------------|---------------|
| Ordering name | Description | Ordering code |
| CLM-E22/PLT22 | Clamp | 432202101631 |