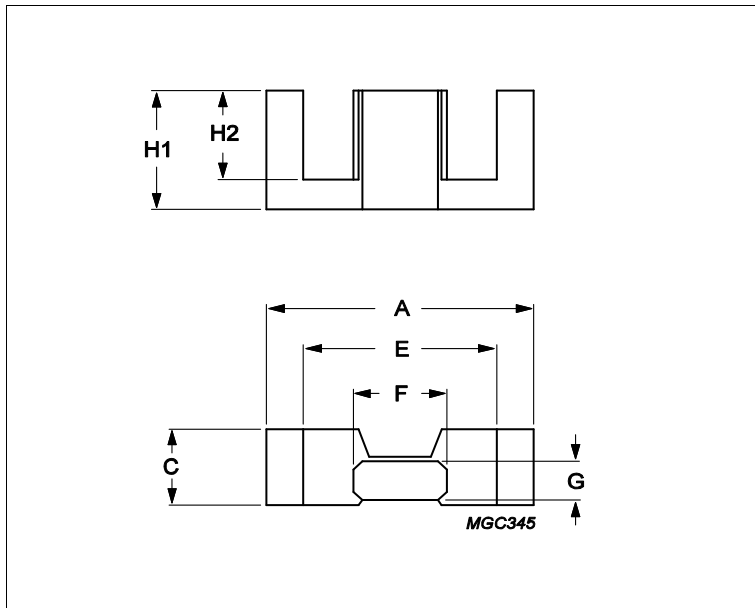


Core **EFD25/13/9**



| Effective parameters | | | |
|----------------------|------------------|-------|------------------|
| | Parameter | Value | Unit |
| $\Sigma(I/A)$ | core factor (C1) | 1 | mm ⁻¹ |
| Ve | effective volume | 3300 | mm ³ |
| Le | effective length | 57 | mm |
| Ae | effective area | 58 | mm ² |
| Amin | minimum area | 55 | mm ² |
| m | EFD25/13/9 | ≈ 8 | g/pcs |

Dimensions for product: EFD25/13/9

| | Nom | Tol + | Tol - | Max | Min | Unit |
|-----------|-------|-------|-------|-------|-------|------|
| A | 25.00 | 0.65 | 0.65 | 25.65 | 24.35 | mm |
| C | 9.10 | 0.20 | 0.20 | 9.30 | 8.90 | mm |
| E | 18.70 | 0.60 | 0.60 | 19.30 | 18.10 | mm |
| F | 11.40 | 0.20 | 0.20 | 11.60 | 11.20 | mm |
| G | 5.20 | 0.15 | 0.15 | 5.35 | 5.05 | mm |
| H1 | 12.50 | 0.15 | 0.15 | 12.65 | 12.35 | mm |
| H2 | 9.30 | 0.25 | 0.25 | 9.55 | 9.05 | mm |

Inductance factor

| Material | Value | Tol + | Tol - | Unit |
|----------|-------|-------|-------|-----------------------|
| 3C95 | 2660 | 25% | 25% | nH/turns ² |
| 3C96 | 2000 | 25% | 25% | nH/turns ² |
| 3F36 | 1500 | 25% | 25% | nH/turns ² |
| 3F46 | 900 | 25% | 25% | nH/turns ² |

Power loss: 3C95

| Measuring conditions | | | Max | Unit |
|----------------------|--------|--------|-------|-------|
| 100 kHz | 200 mT | 100 °C | 1.600 | W/set |
| 100 kHz | 200 mT | 25 °C | 1.700 | W/set |

Power loss: 3C96

| Measuring conditions | | | Max | Unit |
|----------------------|--------|--------|-------|-------|
| 100 kHz | 200 mT | 100 °C | 1.500 | W/set |
| 400 kHz | 50 mT | 100 °C | 0.590 | W/set |

Core **EFD25/13/9**

Power loss: 3F36

| Measuring conditions | | | Max | Unit |
|----------------------|--------|--------|-------|-------|
| 500 kHz | 50 mT | 100 °C | 0.490 | W/set |
| 500 kHz | 100 mT | 100 °C | 3.800 | W/set |

Power loss: 3F46

| Measuring conditions | | | Max | Unit |
|----------------------|-------|--------|-------|-------|
| 1000 kHz | 50 mT | 100 °C | 1.300 | W/set |
| 3000 kHz | 10 mT | 100 °C | 0.710 | W/set |

Bsat

| Measuring conditions | | | Material | Min | Unit |
|----------------------|---------|--------|----------|-----|------|
| 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 | 3F36 | 340 | mT |
| 25 kHz | 250 A/m | 100 °C | 3F46 | 330 | mT |

Accessories

| Ordering name | Description | Ordering code |
|----------------------|--|---------------|
| CLI-EFD25 | Clip | 432202135161 |
| CLM-EFD25 | Clamp | 432202104031 |
| CSH-EFD25-1S-10P-IZ | Coil former, termoset, horizontal | 432202106941 |
| CSH-EFD25-1S-10P-TZ | Coil former, termoset, horizontal | 432202106301 |
| CSHS-EFD25-1S-12P-TZ | Coil former, termoset, horizontal, SMD | 432202106811 |