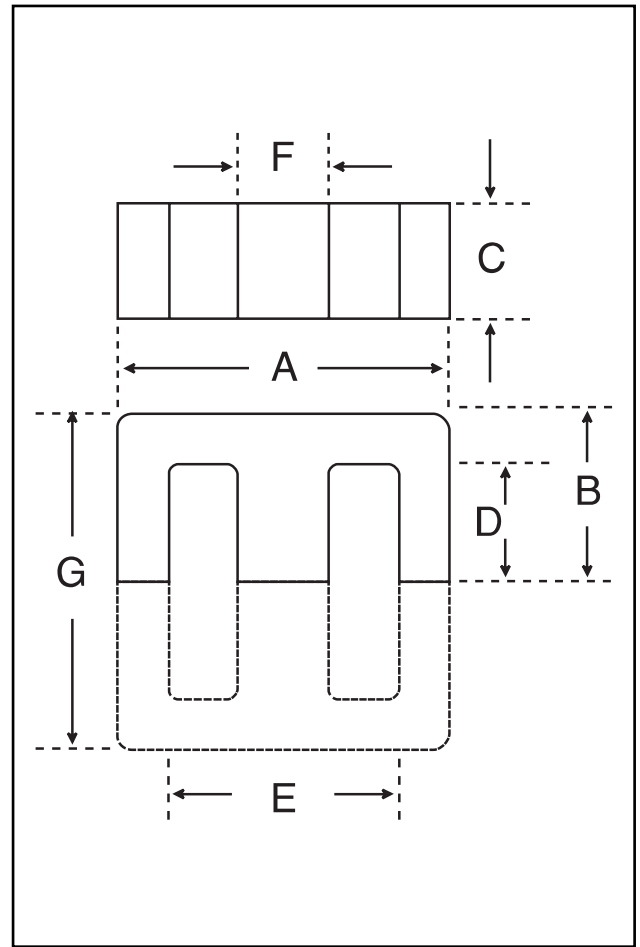


Dimensions

| Symbol | Value (mm) |
|--------|-------------|
| 'A' | 41.30-43.00 |
| 'B' | 20.80-21.20 |
| 'C' | 19.40-20.00 |
| 'D' | 14.80-15.40 |
| 'E' | 29.40-30.70 |
| 'F' | 11.70-12.20 |
| 'G' | 41.60-42.40 |



Effective Geometric Parameters

| Parameter | Symbol | Value | Unit |
|---------------------------------|------------------|--------|------------------|
| $\Sigma(l/A)$ | C_1 | 0.41 | mm^{-1} |
| effective magnetic path length | l_e | 97.00 | mm |
| effective area of magnetic path | A_e | 240.00 | mm^2 |
| minimum area of magnetic path | A_{min} | 232.00 | mm^2 |
| effective volume | V_e | 23300 | mm^3 |

Electrical Specification

| Grade | A_L Value | Tolerance on A_L (%) | Gap Length (mm) | Eff. Permeability | Part No. |
|-------|-------------|------------------------|-----------------|-------------------|-----------|
| F44 | 4560 | +30/-20 | - | 1470 | 32-120-44 |
| F5 | 4750 | +30/-20 | - | 1530 | 32-120-25 |

| Parameter | Symbol | Freq. kHz | Flux Density | Component | |
|---|--------|-----------|--------------|-----------|-----------|
| | | | | 32-120-25 | 32-120-44 |
| Effective total core loss (W) (maximum) | P_v | 16 | 200mT | 2.560 | - |
| | | 25 | 200mT | - | 3.030 |
| | | 100 | 100mT | - | 3.730 |

