



PRODUCT DATA APPROVAL SHEET

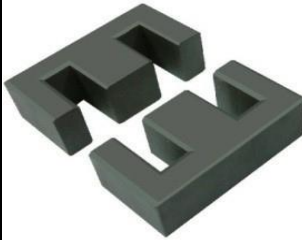
Core- EE2507

Cosmo Ferrites Ltd. - INDIA

Appearance & Shape: To be free from any defect such as flow, burrs, unevenness etc, as per IEC standards.

Effective Parameters irrespective of material grade (per set)

| Parameter | Value | Unit |
|-------------------------------|-------|-----------------|
| Effective Length (L_e): | 57.5 | mm |
| Effective Area (A_e): | 52.5 | mm ² |
| Effective Area (A_{min}): | 51.5 | mm ² |
| Effective Volume (V_e): | 3020 | mm ³ |
| Approximate weight(m): | 15 | g/set |



“Clamping force for AL measurement is 20 ± 10 N, unless

otherwise stated”

EE2507 Un-gapped (OL)

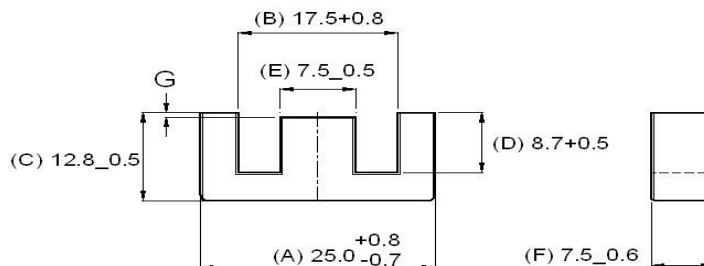
Test Conditions: 1 KHz/1mT/N=100/25°C

| Material Grade | Initial Permeability (μ_{iac}) | AL Value (nH)/Set | P_v (W/set) (25kHz,200mT, 100°C) | P_v (W/set) (100kHz,100mT, 100°C) | P_v (W/set) (100kHz,200mT, 100°C) |
|----------------|--------------------------------------|-------------------|------------------------------------|-------------------------------------|-------------------------------------|
| CF292 | 1800 \pm 20% | 1700 +30%/-20% | ≤ 0.37 | ≤ 0.30 | ≤ 1.59 |

EE2507 Gapped

Test Conditions: 1kHz/300mV/CFR COIL,N=100/25°C

| Material Grade | AL Value nH/Set | S, T | | D | |
|----------------|-----------------|---------------------|----------------------|---------------------|----------------------|
| | | Gap Approx. (mm)/Pc | μ_e Approx. /Set | Gap Approx. (mm)/Pc | μ_e Approx. /Set |
| CF292 | 75 \pm 5% | ≈ 1.10 | ≈ 68 | ≈ 0.55 | ≈ 68 |



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