

SPECIFICATION FOR APPROVAL

1. Material

| | |
|----------------------------|------------------------------|
| Production: | Nanodust Cores |
| KDM.P/N: | KAM107-125A |
| AL: | 123(nH/N ²) ± 8% |
| Material: | 125 μ |
| Coating Color: | Khaki |
| Coating material: | epoxy |
| Coating Breakdown Voltage: | 1000V, 0.5mA, 2Sec |



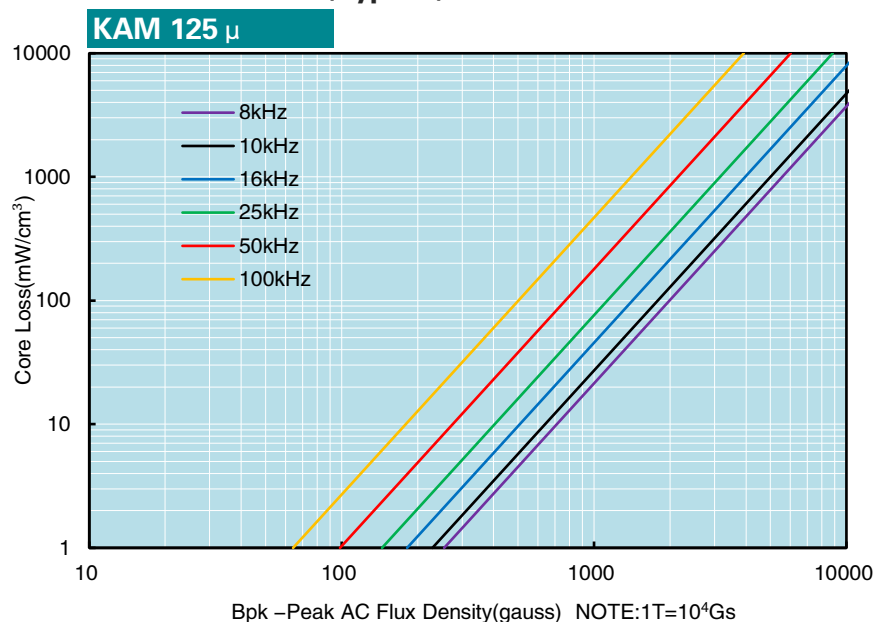
2. Physical Characteristics

| Before Coating | | | After Coating | | | Le(cm) | Ae(cm ²) | V(cm ³) | W(cm ²) | Weight (g) (ref.) | Box Quantity (Pieces) |
|----------------|----------------|----------------|---------------|-------------|-------------|--------|----------------------|---------------------|---------------------|-------------------|-----------------------|
| OD(Max.) in/mm | ID(Min.) in/mm | Ht(Max.) in/mm | OD(Max.) mm | ID(Min.) mm | Ht(Max.) mm | | | | | | |
| 1.059 26.90 | 0.579 14.70 | 0.340 8.64 | 27.70 | 14.10 | 9.45 | 6.352 | 0.497 | 3.155 | 1.561 | 22.2 | 560 |

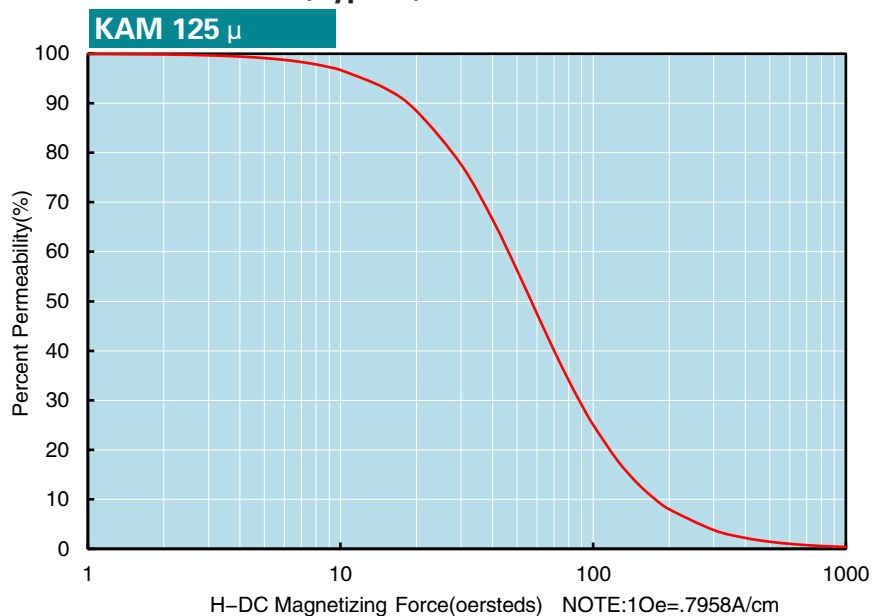
3. Electrical Parameters(Typical) Temperature(25°C ± 2°C)

| Test Item | Test Condition | Value(Typical) | Test Instrument |
|------------|------------------------------------------------------------------------|------------------------------|-----------------|
| Inductance | φ 0.8mm/34Ts, 20kHz/1V, I=0A (Evenly full windings)(均匀绕满) | 142.2 μ H ± 8% | CH3302 |
| DC-Bias | φ 0.8mm/34Ts, 20kHz/1V, I=7.4A(H=50Oe) (Evenly full windings)(均匀绕满) | 73.3 μ H(Min.) | WK3255B+WK3265B |
| Core Loss | 50kHz/1000Gs | 280mW/cm ³ (Max.) | SY-8219 |
| Remarks | Set the internal resistance of LCR meter to 100 Ω.(电感测试仪内阻设置100 Ω) | | |

Core Loss Curves(Typical)



DC-Bias Curves(Typical)



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Please sign back after approval within 5 working days, otherwise this approval sheet would be taken as OQC standard for subsequent orders. If you have any questions, please contact RD department in time.