

SPECIFICATION FOR APPROVAL

1.Material

| | |
|----------------------------|------------------------------|
| Production: | Nanodust Cores |
| KDM.P/N: | KAM401-075A |
| AL: | 115(nH/N ²) ± 8% |
| Material: | 75 μ |
| Coating Color: | Khaki |
| Coating material: | epoxy |
| Coating Breakdown Voltage: | 1500V, 0.5mA, 2Sec |



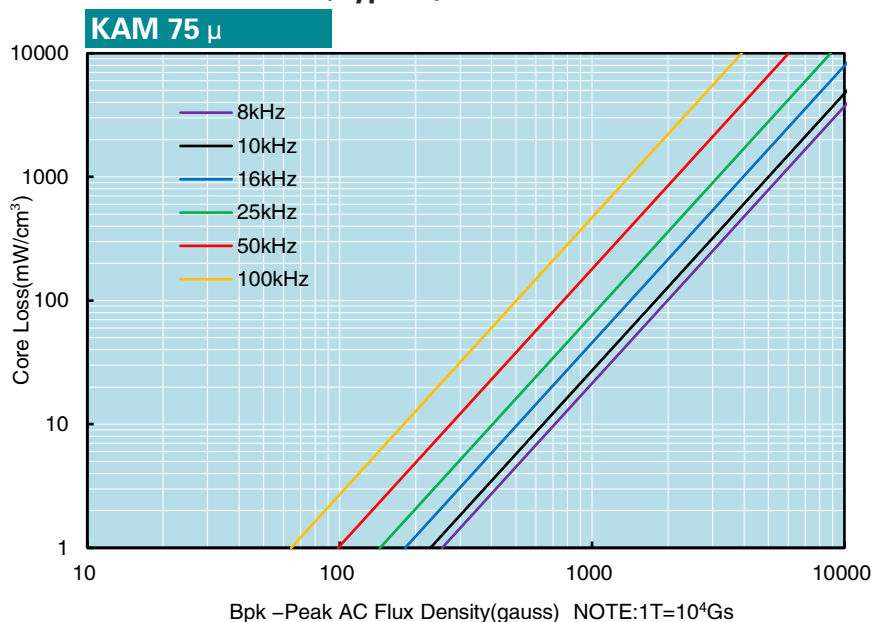
2.Physical Characteristics

| 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 | | | | | | |
| 4.000 101.60 | 2.250 57.15 | 0.535 13.59 | 103.12 | 55.75 | 14.86 | 24.271 | 2.972 | 72.122 | 24.398 | 503.0 | 35 |

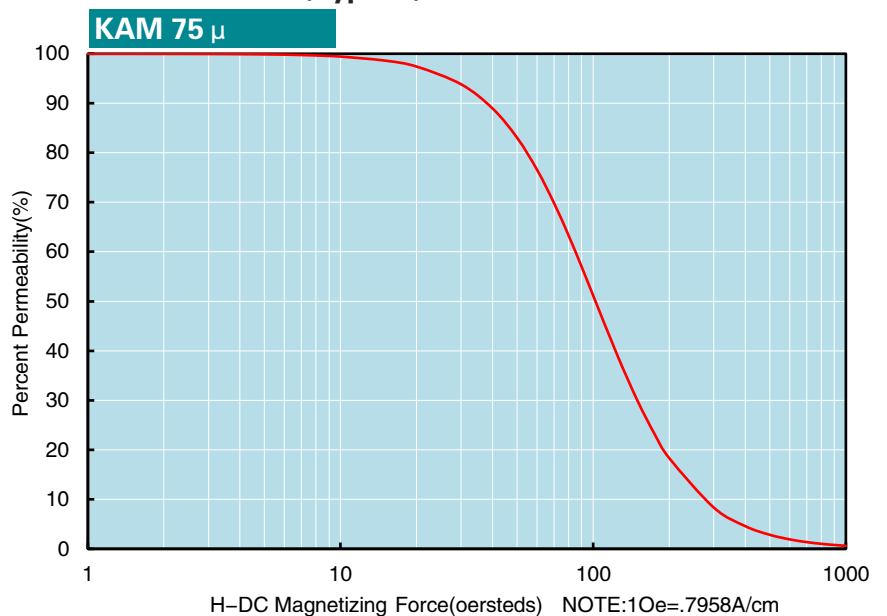
3.Electrical Parameters(Typical) Temperature(25°C ± 2°C)

| Test Item | Test Condition | Value(Typical) | Test Instrument |
|-------------------|--|------------------------------|-----------------|
| Inductance | φ 0.8mm/129Ts, 20kHz/1V, I=0A (Evenly full windings)(均匀绕满) | 1913.7 μ H ± 8% | CH3302 |
| DC-Bias | φ 0.8mm/129Ts, 20kHz/1V, I=15A(H=1000Oe) (Evenly full windings)(均匀绕满) | 897.9 μ H (Min.) | WK3255B+WK3265B |
| Core Loss | 50kHz/1000Gs | 250mW/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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