

SPECIFICATION FOR APPROVAL

1. Material

| | |
|----------------------------|-----------------------------|
| Production: | Si-Fe Cores |
| KDM.P/N: | KSF131-090A |
| AL: | 77(nH/N ²) ± 8% |
| Material: | 90 μ |
| Coating Color: | Blue |
| Coating material: | epoxy |
| Coating Breakdown Voltage: | 1000V, 0.5mA, 2Sec |



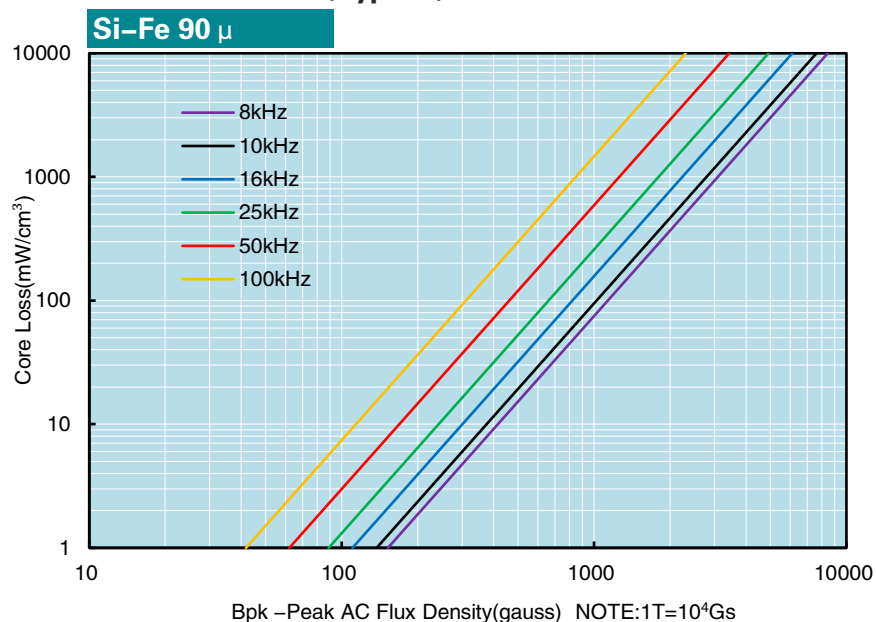
2. Physical Characteristics

| 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 | | | | | | |
| 1.299 33.00 | 0.783 19.90 | 0.345 8.76 | 33.83 | 19.30 | 9.70 | 8.147 | 0.551 | 4.490 | 2.924 | 32.9 | 378 |

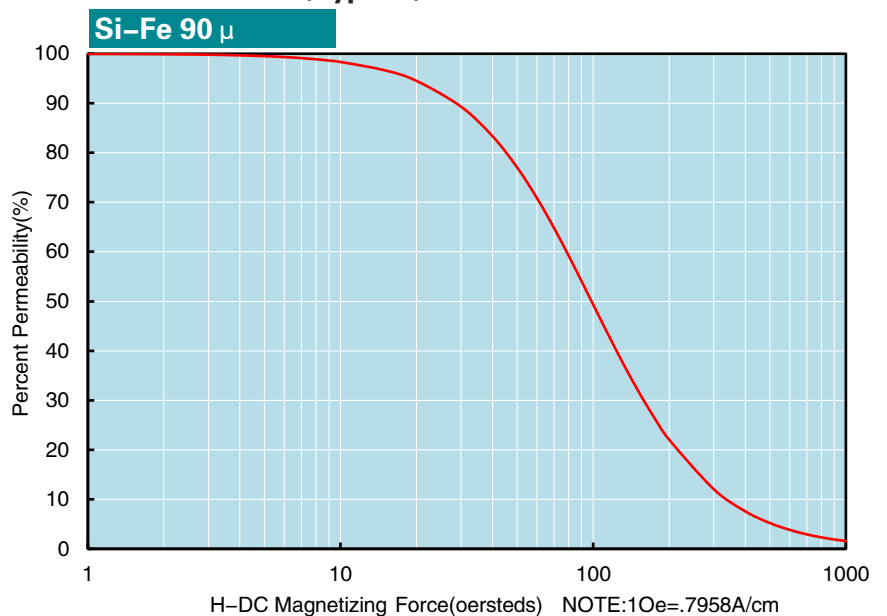
3. Electrical Parameters(Typical) Temperature(25°C ± 2°C)

| Test Item | Test Condition | Value(Typical) | Test Instrument |
|------------|--|------------------------------|-----------------|
| Inductance | φ 0.8mm/43Ts, 20kHz/1V, I=0A (Evenly full windings)(均匀绕满) | 142.4 μ H ± 8% | CH3302 |
| DC-Bias | φ 0.8mm/43Ts, 20kHz/1V, I=15A(H=100Oe) (Evenly full windings)(均匀绕满) | 61.6 μ H (Min.) | WK3255B+WK3265B |
| Core Loss | 50kHz/1000Gs | 750mW/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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