

| ITEM                             | Symbol                | Unit             | Measurtionsing Conditions |          | Material |
|----------------------------------|-----------------------|------------------|---------------------------|----------|----------|
|                                  |                       |                  | settings                  | Temp.    | KM70     |
| Initial permeability             | $\mu_i$               |                  |                           | 20°C     | 7000±25% |
| Saturation magnetic flux density | Bs                    | mT               | H=1200A/m                 | 20°C     | 440      |
|                                  |                       |                  |                           | 100°C    |          |
| Remanent flux density            | Br                    | mT               | H=1200A/m                 | 20°C     | 120      |
|                                  |                       |                  |                           | 100°C    |          |
| Coercive force                   | Hc                    | A/m              | H=1200A/m                 | 20°C     | 12       |
|                                  |                       |                  |                           | 100°C    |          |
| Relative loss factor             | $\tan \delta / \mu_i$ | $\times 10^{-6}$ |                           |          | 9        |
| Relative temperature factor      | $\alpha_{\mu\gamma}$  | $\times 10^{-6}$ |                           | -20~20°C | 0~3      |
|                                  |                       |                  |                           | 20~60°C  | 0~1.5    |
|                                  |                       |                  |                           | 60~100°C |          |
| Disaccommodation factor          | DF                    |                  | 1~10min                   |          | < 4.0    |
| Curie temperature                | Tc                    | °C               |                           |          | >120     |
| Electrical resistivity           | $\rho$                | $\Omega \cdot m$ |                           |          | 0.1      |
| Density                          | ds                    | $g/cm^3$         |                           |          | 4.95     |

