

# CHARACTERISTICS OF MATERIALS

NO.	Material	Initial Permeability	Loss Factor @ MHz	Temp. Coeff. of initial Permeability	Curie Temperature	Saturation Flux Density	Residual Flux Density	Coercive Force	Resistivity
		± 25%	× 10 <sup>-6</sup> [MHz]	× 10 <sup>°/°C</sup> [20~70°C]	°C	gauss	gauss	Oe	Ω-m
		μ <sub>i ac</sub>	Tan δ / μ <sub>i ac</sub>	μ <sub>r</sub>	T.C	B <sub>s</sub>	B <sub>r</sub>	H <sub>c</sub>	ρ
1	F <sub>6</sub>	1500	20 [0.1]	1-3	> 90	2500 (30 Oe)	1200	0.25	10 <sup>6</sup>
2	F <sub>5</sub>	850	15 [0.1]	1-3	> 140	2900 (30 Oe)	1300	0.50	10 <sup>6</sup>
3	T <sub>4A</sub>	800	35 [0.5]	20	> 160	3100 (30 Oe)	2000	0.65	10 <sup>6</sup>
4	*K <sub>1</sub>	650	35 [0.1]	40	> 120	2600 (20 Oe)	1800	0.35	10 <sup>6</sup>
5	F <sub>1C</sub>	180	55 [0.1]	15	> 125	2800 30 Oe	1100	1.50	10 <sup>6</sup>
6	F <sub>8B</sub>	100	150[0.3]	25	> 300	3200 (35 Oe)	2400	5.50	10 <sup>6</sup>

TEST CONDITION(μi): T.F.: 800KHz, 1mA, CORE: T25×5×15, TURN: 0.3Ø×25Ts

## \*\*\* New Material

7	F <sub>4</sub>	400	30[0.3]	30	> 240	4400 (55Oe)	3300	0.4	10 <sup>6</sup>
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## K<sub>1</sub> Meet RoHS Regulation

**\* K<sub>1</sub>**  
**Green Material**

K<sub>1</sub> is new kind of green material without hazardous heavy metals, which greatest advantage is to help prevent pollution, protect public health and environment.