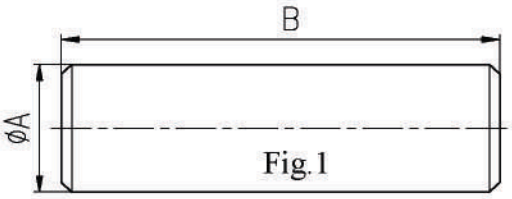

Fig.1

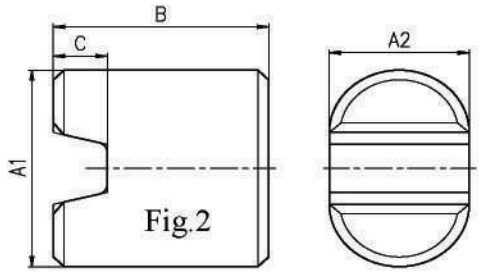

Fig.2

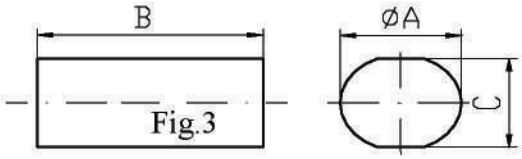

Fig.3

DMR40 Material Characteristics

CHARACTERISTICS	CONDITIONS		VALUE
Initial Permeability μ_i	10kHz, B<0.25mT	25°C	2300±25%
Saturation Magnetic Flux Density Bs (mT)	50Hz, 1194A/m	25°C	510
		100°C	390
Residual Magnetic Flux Density Br (mT)		25°C	95
		100°C	55
Coercive Force Hc (A/m)		25°C	14
		100°C	9
Power Loss Pv (mW/cm³)	100kHz, 200mT	25°C	600
		60°C	450
		100°C	410
		120°C	500
Curie Temperature Tc (°C)	10kHz, B<0.25mT		>215
Resistivity ρ (Ω·m)		25°C	6.5
Density d (g/cm³)		25°C	4.8

DESCRIPTION	SHAPE	A	B	MASS(g)
Z3×13.9	1	3.0±0.2	13.9±0.4	0.47
Z4.0×30	1	4.0±0.15	30.0±0.5	1.8
Z5×20	1	5±0.2	20±0.5	2.01
Z6×25	1	6±0.2	25±0.5	3.6
Z8×25	1	8±0.2	25±0.5	6.1
Z8×30	1	8±0.2	30±0.5	7.1
Z8×67	3	$8_{-0.5}$	$67^{+1.0}$	14.8
Z10×28	1	28.0±0.5	$10.0^{0}_{-0.5}$	10.0
Z12X50	–	12.0±0.3	50.0±0.5	27.1
Z14.8×3.6	1	14.8±0.15	3.6±0.1	3.0
Z17×53	1	17.0±0.35	53.0±0.5	58.0
Z22×60A	1	22.0±0.4	60.0±0.7	109.0
Z38×3	1	38.0±0.6	3.0±0.2	17.0
Z40×10A	1	40.0±0.7	10±0.1	60.0

DESCRIPTION	SHAPE	A1	A2	B	C	MASS(g)
Z2.6X4.1	2	$4.1^{0}_{-0.3}$	$2.6^{0}_{-0.25}$	4.0±0.2	1.0±0.1	0.15