

Product specification

Product name	Anisotropic Ferrite Dia20mmX5mm				
Item	Name	Symbol	SI	CGS	
Shape	Diameter	D	20 mm	2 cm	
	Height	H	5 mm	0.5 cm	
	Dimensional tolerance +/-	D H	0.4 mm 0.1 mm	0.04 cm 0.01 cm	
	Direction of magnetization	M	Assiale		
	Surface treatment	-	- μm		
Measuring point	Surface flux density	B	86.6 mT	866 G	
	Attractive force	F	0.555 kgf	555 gf	
	Magnetic flux density on load point	Bd	143.6 mT	1436 G	
	Total flux	Dia o	0.0000451 $\frac{3}{3}$ Wb	4513 Mx	
	Permeance coefficient	Pc	0.61 Pc	-	
	Operationg temperature range	Tw	250 deg C	482 deg F	
	Operationg temperature range	Tw	-50 deg C	-58 deg F	
	Material grade	Anisotropic Ferrite	Y30H-1		
Material characteristics	Remanence	Br	380-400 mT	3.8-4.0 kG	
	Coericeive forces	Hcb	230-275 kA/m	2.87-3.44 kOe	
	Intrinsic coercivity	Hcj	235-290 kA/m	2.94-3.62 kOe	
	Maximum energy product	BH	27-32 kJ/m3	3.4-4.0 MGOe	
	Temperature coefficient	Br	-0.18 %/deg C	31.68 %/deg F	
		Hcj	0.18 %/deg C	32.32 %/deg F	
	Max. operating temperature	Tw	<200 deg C	<392 deg F	
	Curie temperature	Tc	460 deg C	860 deg F	
	Density	P	5 kg/m3	-	
	Weight	Net	0.00785 kg	7.85 g	
Remark	REACH RoHS Directive				

Information on these magnetic characteristics are approximate and reference values. When using the calculated values for actual magnetic application products and research and development of the application of magnetic products, use these values as reference values. We are not responsible for the results from the reference values. The details can be found by referring to the product specifications. All specifications are subject to change without notice.