



Amorphous inductor

Amorphous inductor features high saturation flux density and high permeability, excellent DC bias characteristics and good frequency property, with application in PFC, Smoothing choke and Normal mode choke.



X-MAG's capabilities cover magnetic engineering & simulation, automated sustainable manufacturing, comprehensive quality assurance, and advanced magnet R&D.

Dimension & Performance

Part No	Core dimensions (mm)			Finished dimensions (mm)			Ae (cm ²)	Le (cm)	Typical Parameters	
	ID	OD	H	ID	OD	H			AL (μH)	DCB* (AT)
GO50-2008	12	20	8	9.7	22.5	11	0.24	5.02	0.11	180
GO50-2610	16	26	10	14.3	30.2	13.5	0.38	6.59	0.13	240
GO50-3210	20	32	10	17.5	34.5	13.5	0.45	8.16	0.14	300
GO50-4010	25	40	10	23	45	13	0.56	10.21	0.13	360
GO50-4013	25	40	12.5	23	45	16	0.7	10.21	0.15	360
GO50-4015	25	40	15	23	45	19	0.84	10.21	0.2	360
GO50-5015	32	50	15	29	55	18	1.01	12.87	0.2	460
GO50-5920	40	59	20	37	63.5	24	1.43	15.54	0.22	600

Part No	Core dimensions (mm)			Finished dimensions (mm)			Ae (cm ²)	Le (cm)	Typical Parameters	
	ID	OD	H	ID	OD	H			AL (μH)	DCB* (AT)
GO100-2610	16	26	10	14.3	30.2	13.5	0.38	6.59	0.06	520
GO100-3210	20	32	10	17.5	34.5	13.5	0.45	8.16	0.07	650
GO100-3718	20	37	18	18	39	19.7	1.15	8.95	0.095	700
GO100-4012	25	40	12.5	23	45	16	0.7	10.21	0.08	800
GO100-4015	25	40	15	23	45	19	0.84	10.21	0.095	810
GO100-5015	32	50	15	29	55	18	1.01	12.87	0.09	1030
GO100-5920	40	59	20	37	63.5	24	1.43	15.54	0.1	1250
GO100-6420	40	64	20	37	69	24	1.8	16.33	0.12	1300
GO100-10020	60	100	20	57	103	23	3	25.12	0.14	2000