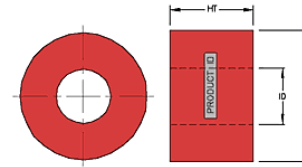
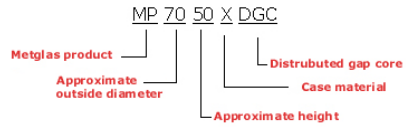


**Product code designation**



**MICROLITE ® XP Toroidal Cores**

Core No.	Core Dimension			Performance Parameters						
	O.D. Max (mm)	I.D. Min (mm)	Ht. Max (mm)	lm (cm)	A <sub>c</sub> (cm <sup>2</sup> )	Vol (cm <sup>3</sup> )	W <sub>a</sub> (cm <sup>2</sup> )	W <sub>a</sub> A <sub>c</sub> (cm <sup>3</sup> )	Initial Perm	AL* (nH/W <sub>2</sub> )
MP7050MDGC	13.23	7.46	6.12	3.14	0.08	0.25	0.44	0.035	245	78.2
MP7089MDGC	46.55	28.95	15.72	11.65	0.94	10.92	6.58	6.17	245	247.7
MP7109MDGC	57.21	37.44	15.32	14.64	1.03	15.13	11.01	11.376	245	217.4
MP7120MDGC	17.31	10.46	7.87	4.24	0.14	0.59	0.86	0.119	245	100.3
MP7195MDGC	54.32	26.97	16.52	12.49	1.6	19.98	5.71	9.136	245	394.1
MP7206MDGC	21.41	13.46	7.87	5.35	0.17	0.89	1.42	0.238	245	96.2
MP7254MDGC	39.38	24.86	15.65	9.91	0.75	7.46	4.85	3.656	245	234.1
MP7310MDGC	23.49	13.46	7.87	5.66	0.22	1.25	1.42	0.315	245	120.7
MP7324MDGC	36.99	23.01	11.05	9.24	0.49	4.5	4.16	2.026	245	162.3
MP7350MDGC	23.53	14.22	9.91	5.79	0.27	1.55	1.59	0.425	245	142.3
MP7380MDGC	18.3	10.23	7.87	4.35	0.17	0.74	0.82	0.14	245	120.6
MP7438MDGC	46.61	25.22	18.99	11.05	1.43	15.8	4.99	7.141	245	398.4
MP7548MDGC	33.25	19.73	11.05	8.15	0.47	3.82	3.06	1.435	245	177.4
MP7585MDGC	34.87	23.95	9.91	9.08	0.32	2.93	4.5	1.452	245	109.3
MP7715MDGC	51.53	32.46	13.89	12.97	0.89	11.57	8.27	7.379	245	211.7
MP7930MDGC	27.18	13.46	11.05	6.21	0.48	2.97	1.42	0.681	245	237.3

\*  $\mu$  and AL are +/-15%. AL and Bias are measurements based on windings greater than 5 turns/cm path length.

\*\* Lboxes available for these sizes soon . Other box materials available on a limited basis for special design.

lm = mean magnetic path length, A<sub>c</sub> = net cross sectional area, W<sub>a</sub> = nominal core window area