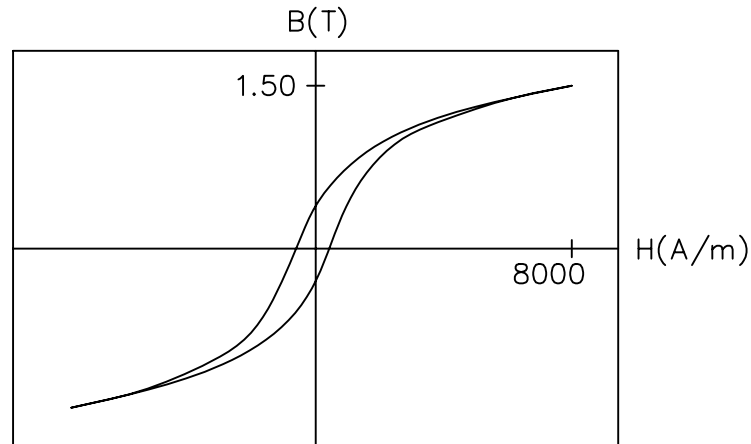
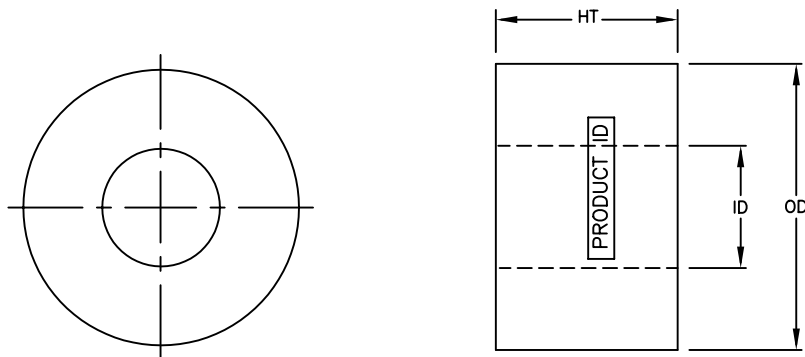


MP7050MDGC



TYPICAL B-H LOOP

Coated Core Specifications				Bare Core Specifications		
PART NO.	OD mm	ID mm	HT mm	OD mm	ID mm	HT mm
MP7050MDGC	13.23	7.46	6.12	11.99	8.00	4.597
Tolerance (mm)	Max.	Min.	Max.			

Core Designation	Material DuPont	Manufacturer UL File #	Insulation System
M	EFB534S0	E206123	ClassB/ClassF

NOTE:

1. PART IDENTIFICATION CODE AND MANUFACTURING DATE CODE ARE PRINTED ON CURVED SURFACE.
2. MINIMUM COATING THICKNESS OF 0.076 mm (3 MILS) ON ANY POINT OF CORE IS MAINTAINED.
3. ALL MEASUREMENTS ARE DONE AT ROOM TEMPERATURE.
4. OVALITY OF 95% ON OUTER AND INNER DIAMETER IS PERMISSIBLE.
5. MAXIMUM CONTINUOUS OPERATING TEMPERATURE IS 150°C.

MAGNETIC TOLERANCES:

PERMEABILITY $\pm 15\%$
 $A_l \pm 15\%$
 Mass $\pm 3\%$

CORE MATERIAL:

METGLAS[®] ALLOY 2605SA1.

Performance Specifications							
I _m	A _c	Mass	Vol	Initial	A _I	W _a	W _a A _c
cm	cm ²	g	cm ³	Perm	nH	cm ²	cm ⁴
3.14	0.080	1.83	0.25	245	78.2	0.44	0.035

A_I is measured at 10 kHz/100 mV.

l_m = mean magnetic path length

 A_G = net cross-sectional area

W_d = core window area

[illegible]