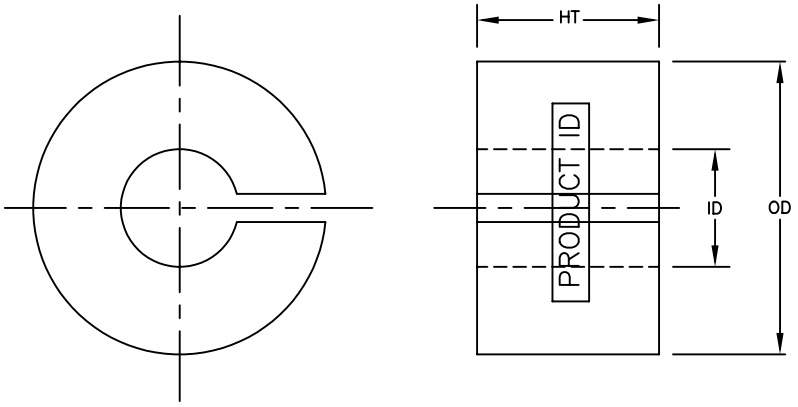
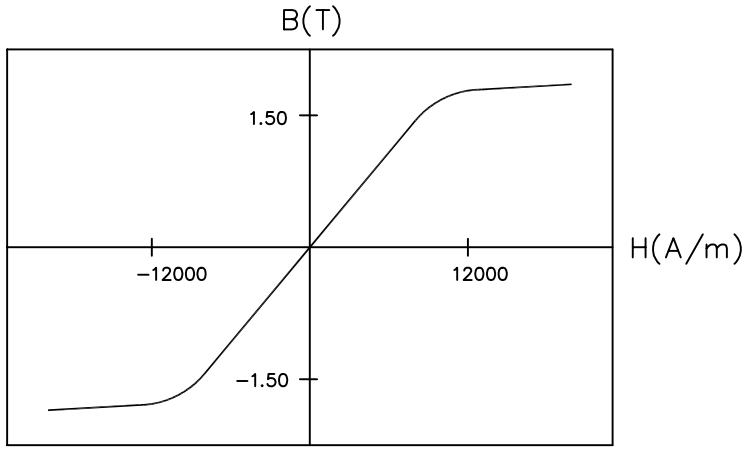
MP7585MPFC





TYPICAL B–H LOOP

Coated Core Specifications				Bare Core Specifications		
PART NO.	OD mm	ID mm	HT mm	OD mm	ID mm	HT mm
MP7585MPFC	34.87	23.95	9.91	33.32	24.49	8.38
Tolerance	max.	min.	max.			

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

Performance Specifications								
l_m cm	A_c cm^2	Mass g	Volume cm^3	Effective Perm	A_l nH	W_a cm^2	W_aA_c cm^4	Core Loss W
9.08	0.322	21.43	2.93	100	45	4.50	1.452	4.20

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 ± 15%
A_l ± 15%
Mass ± 3%

CORE MATERIAL:
METGLAS® ALLOY 2605SA1.

A_l is measured at 10 kHz/100 mV.

l_m = mean magnetic path length
A_c = net cross–sectional area
W_a = core window area

TOLERANCES UNLESS OTHERWISE SPECIFIED

NO.	REVISION	BY	APPR.	DATE
1.	ADDED NOTE # 5 & DISPLAYED MEANING FOR lm,Ac & Wa.COMPANY NAME WAS HONEYWELL.COATED CORE OD & MASS WERE 34.74mm & 21.0g.	VS	RK	02/12/04

DIMENSIONS	MM	DESCRIPTION	POWER FACTOR CORRECTION CORE	SHEET	PART NO.	REV. NO.
SCALE	N.T.S	MATERIAL	AS NOTED	1 OF 1	MP7585MPFC	1
PROJECTION	THIRD ANGLE					

HITACHI METGLAS

DRAWN	DATE	CHECKED	DATE	APPROVED	DATE
SD	12/16/02	RK	12/16/02	DM,RM,ST	12/16/02

EG/FM/11/1