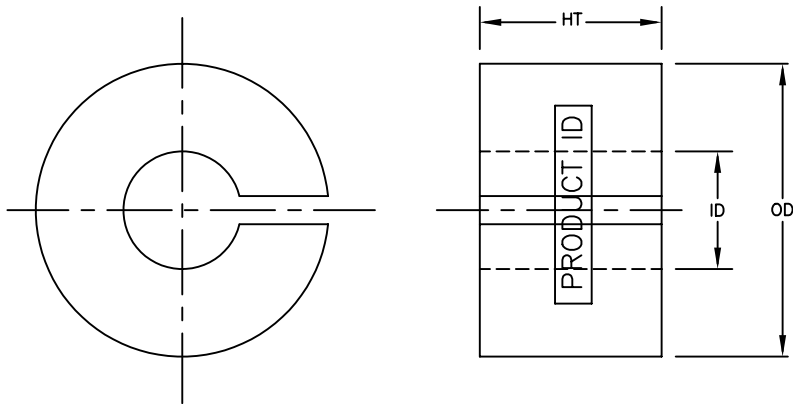


MP3210MPFC



Coated Core Specifications				Bare Core Specifications		
PART NO.	OD mm	ID mm	HT mm	OD mm	ID mm	HT mm
MP3210MPFC	33.60	21.69	11.05	32.16	22.23	9.53
Tolerance	max.	min.	max.			

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

NOTE:

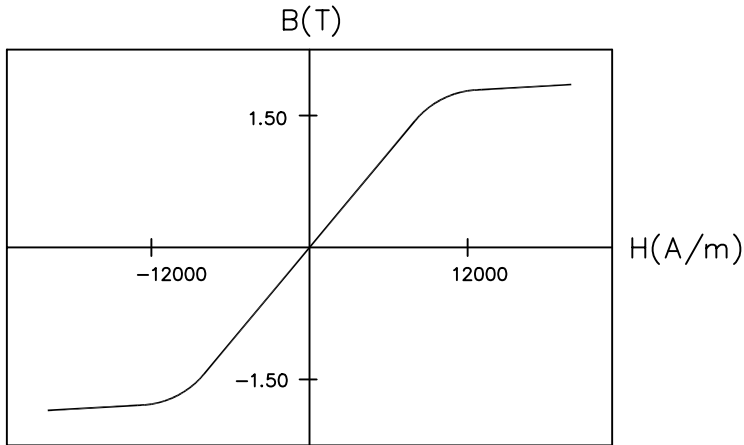
1. PART IDENTIFICATION CODE AND MANUFACTURING DATE CODE ARE PRINTED ON CURVED SURFACE.
2. MINIMUM COATING THICKNESS OF 0.076 mm (3 MILS) ON ANY POINT OF CORE IS MAINTAINED.
3. ALL MEASUREMENTS ARE DONE AT ROOM TEMPERATURE.
4. OVALITY OF 95% ON OUTER AND INNER DIAMETER IS PERMISSIBLE.
5. MAXIMUM CONTINUOUS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

MAGNETIC TOLERANCES:

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

CORE MATERIAL:

METGLAS® ALLOY 2605SA1.



TYPICAL B-H LOOP

Performance Specifications								
l_m cm	A_c cm ²	Mass g	Volume cm ³	Effective Perm	A_l nH	W_a cm ²	$W_a A_c$ cm ⁴	Core Loss W
8.54	0.411	25.2	3.52	100	61	3.69	1.520	5.05

A_I is measured at 10 kHz/100 mV.

l_m = mean magnetic path length

$$A_c = \text{net cross-sectional area}$$

W_d = core window area

NOTICE :-

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TOLERANCES UNLESS OTHERWISE SPECIFIED

NO.	REVISION	BY	APPR.	DATE	DIMENSIONS MM		DESCRIPTION	POWER FACTOR CORRECTION CORE		SHEET	PART NO.	REV. NO.				
1.	ADDED NOTE # 5 & DISPLAYED MEANING FOR ImAc & Wa. COMPANY NAME WAS HONEYWELL.	VS	RK	02/12/04	SCALE	N.T.S	MATERIAL	AS NOTED		1 OF 1	MP3210MPFC	1				
					PROJECTION	THIRD ANGLE										
					HITACHI METGLAS						SD	12/16/02	RK	12/16/02	DM,RM,ST	12/16/02
											DRAWN	DATE	CHECKED	DATE	APPROVED	DATE