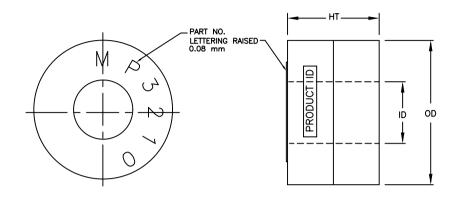
## MP3210XDGC



Boxed Core	Speci	Bare Core Specifications						
PART NO.	OD mm	ID mm	HT mm	OD mm	ID mm	HT mm		
MP3210XDGC	35.0	19.9	11.5	32.16	22.23	9.53		
Tolerance (mm)	±0.6	±0.6	±0.6					

Box Designation (X)	Material DuPont	Manufacturer UL File #	Manufacturer Flammability Rating	Manufacturer Recommended Temperature
Р	ZYTEL 70G33L	E41938	HB	120°C
L	ZYTEL FR50	E41938	94 V0	130°C
V	RYNITE FR530L	E69578	94 V0	150°C

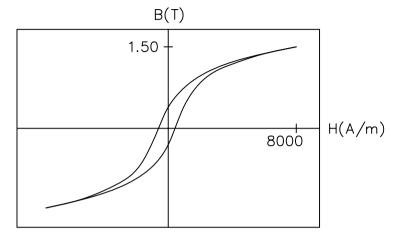
## NOTE:

- 1. PART IDENTIFICATION CODE AND MANUFACTURING DATE CODE ARE PRINTED ON SURFACES AS SHOWN.
- 2. ALL MEASUREMENTS ARE DONE AT ROOM TEMPERATURE.
- 3. MAXIMUM CONTINUOUS OPERATING TEMPERATURE WILL BE 120°C( IF "P" TYPE BOX USED), 130°C ( IF "L" TYPE BOX USED) AND 150°C ( IF "V" TYPE BOXED IS USED)

**MAGNETIC TOLERANCES:** PERMEABILITY ± 15% A<sub>I</sub> ± 15% Mass ± 3%

CORE MATERIAL:

METGLAS® ALLOY 2605SA1.



## TYPICAL B-H LOOP

Performance Specifications										
Ιm	Ac	Mass	Vol	Initial	Aı	Wa	WaAc			
cm	cm <sup>2</sup>	g	cm <sup>3</sup>	Perm	nH	cm <sup>2</sup>	cm <sup>4</sup>			
8.54	0.411	25.24	3.52	245	148.3	3.10	1.275			

A<sub>I</sub> is measured at 10 kHz/100 mV.

 $I_m$  = mean magnetic path length  $A_c$  = net cross-sectional area

 $W_a = core window area$ 

NOTICE :-	TOLERANCES UNLESS OTHERWISE SPECIFIED	NO		BY	APPR.	DATE	DIMENSIONS	мм		CROLITE MA		;	SHEET	PART NO.	REV. NO.
THIS DRAWING, THE PROPERTY OF HITACHI METGLAS IS FURNISHED SUBJECT TO RETURN ON DEMAND			ADDED NOTE # 3 & COMPANY NAME WAS HONEYWELL	VS	RK	02/10/04	SCALE	N.T.S	MATERIAL '			<del> </del> .	1 OF 1	MP3210XDGC	1
AND THE CONDITION THAT THE INFORMATION AND TECHNOLOGY EMBODIED HEREIN SHALL NOT BE							PROJECTION	THIRD ANGLE		AS NOTI	ΞD				
DISCLOSED OR USED AND THE DRAWING SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART										T	07 (10 (01		07.40	24 24 24 27	07 (10 (01
EXCEPT AS PREVIOUSLY AUTHORIZED IN WRITING. ANY PERSON WHO MAY RECEIVE OR OBSERVE THIS								HITA	CHI	SR	07/19/01	SR	0//19/	01 RH,RM,ST	0//19/01
DESIGN WILL BE HELD STRICTLY LIABLE FOR ANY VIOLATION WHETHER WILLFUL OR NEGLIGENT.								<b>METG</b>	LAS	DRAWN	DATE	CHECKED	DATE	APPROVED	DATE
TIGESTION WILETER WILETOE ON NEGLIGENT.										DRAWN	DATE	CHECKED	' DAIE	AFFROVED	DAIE