



Prodin Ferrite S.L.

Polígono Industrial "Molí dels Frares" Calle C/A - Nave 2
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NUCLEOS POLVO DE HIERRO

CARACTERISTICAS

MATERIAL	PERMEAB.	COEF. TEMP DE	COLOR	COMPARATIVA DE PERDIDAS (mW/cm3)				DC perm/DC Bias HDC=50e@10KH	
	μ^e	PERM ppm/ °C		10kHz @500Gs	50kHz @225Gs	100kHz @140Gs	500kHz @50Gs	% μ^o	μ effective
-2	10	100	Red/clear		28	19	12	100	10
-8	35	285	Yellow/Red	59	50	35	28	91	31,9
-14	14	155	Black/Red		29	21	17	100	14
-18	55	385	Green/Red	70	63	46	37	74	40,7
-19	55	650	Red/Green	72	71	54	49	74	40,7
-26	75	825	Yellow/White	75	89	83	139	51	38,3
-28	22	510	Gray/Green	120	164	158	247	91	20
-30	22	510	Green/Gray	120	149	129	129	91	20
-33	33	665	Gray/Yellow	126	182	180	291	84	27,7
-34	33	565	Gray/Blue	87	100	82	78	84	27,7
-35	33	665	Yellow/Grey	109	137	119	123	84	27,7
-38	85	955	Grey/Black	72	99	103	217	51	43,4
-40	60	950	Green/Yellow	93	130	127	223	62	37,7
-45	100	1045	Black/Black	60	69	61	92	46	46
-52	75	650	Green/Blue	68	72	58	63	59	44,3



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HTC 200 POLVO DE HIERRO

REFERENCIA	PERMEAB.	PERDIDAS		DC-Bias HDC=50	HCD=100 Oe	COLOR
		100 kHz/ 140Gs	250 kHz /300Gs			
HTC200-76	75	58	950	59	36	Blue
CTC200-75	75	83	1200	51	31	Yellow
HTC200-55	55	46	650	75	50	Green
HTC200-35	35	82	1500	85	68	Grey
Si-Fe-35 μ_i	35	30	490	92	77	Blue
Si-Fe-45 μ_i	45	28	390	85	70	Blue
Si-Fe-55 μ_i	55	28	480	80	63	Blue
Si-Fe-66 μ_i	66	21	440	65	40	Blue

El Epoxy de los nucleos de la serie HTC200 puede resistir altas temperaturas (+200°C - grado H)