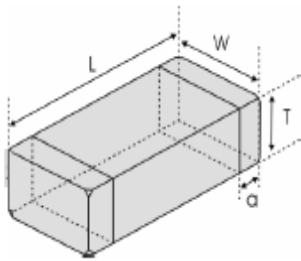




SHAPE AND DIMENSIONS

Unit: mm [inch]



Type	L	W	T	a
HPCB-1005 [0402]	1.0±0.15 [.039±006]	0.5±0.15 [.020±006]	0.5±0.15 [.020±006]	0.25±0.1 [.010±004]
HPCB-4030 [1612]	4.0±0.2 [.158±008]	3.0±0.2 [.118±008]	1.6±0.2 [.063±008]	0.8±0.3 [.031±012]

SPECIFICATIONS

HPCB-1005 TYPE

Part Number	Impedance	Z Test Freq.	Max. DC Resistance	Max. Rated Current	Thickness
Units	Ω	MHz	mΩ	mA	mm [inch]
Symbol	Z	Freq.	DCR	Ir	T
HPCB-FDE1005T100-3R1F	10±25%	100	18	3100	0.5±0.15 [.020±.006]
HPCB-FDE1005T800-2R3F	80±25%	100	38	2300	
HPCB-FDE1005T121-2R0F	120±25%	100	50	2000	

HPCB-4030 TYPE

Part Number	Impedance	Z Test Freq.	Max. DC Resistance	Max. Rated Current	Thickness
Units	Ω	MHz	mΩ	mA	mm [inch]
Symbol	Z	Freq.	DCR	Ir	T
HPCB-FDE4030T300-10R0F	30±25%	100	4	10000	1.6±0.2 [.063±.008]
HPCB-FDE4030T400-10R0F	40±25%	100	4	10000	
HPCB-FDE4030T560-10R0F	56±25%	100	4	10000	
HPCB-FUE4030T300-10R0F	30±25%	100	4	10000	
HPCB-FUE4030T400-10R0F	40±25%	100	4	10000	
HPCB-FUE4030T560-10R0F	56±25%	100	4	10000	

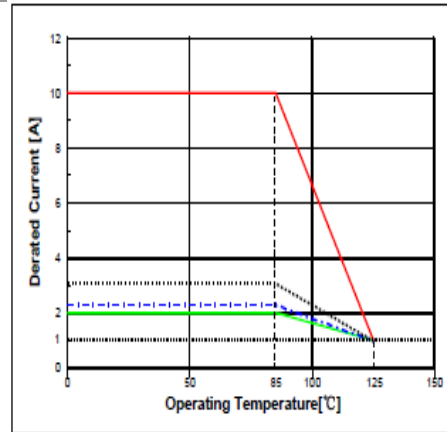
The data is reference only. Customers should verify actual device performance in their specific applications. Specifications are subject to change without notice. Please check our website for latest information. <http://www.ftind.com>



TYPICAL ELECTRICAL CHARACTERISTICS

Rated Current

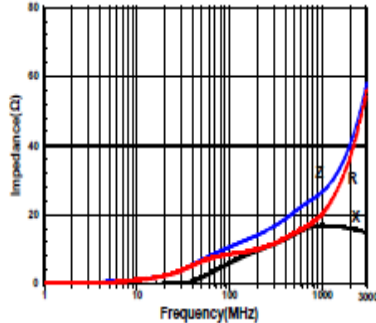
When operating temperatures exceed +85°C, derating of current is necessary for chip ferrite beads for which rated current is 1000mA and over. Please apply the derating curve shown in chart according to the operating temperature.



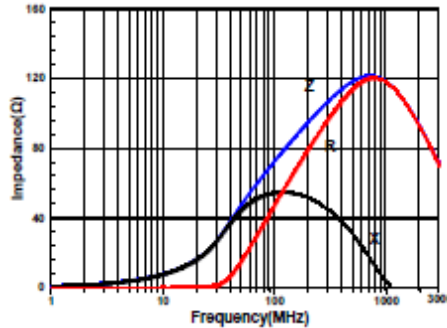
DETAIL ELECTRICAL CHARACTERISTICS

HPCB-1005 TYPE

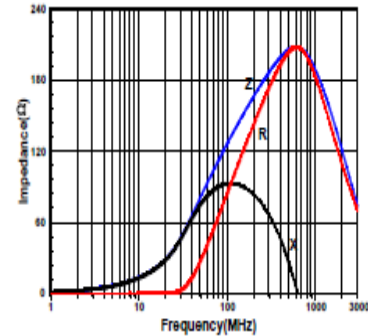
HPCB-FDE1005T100-3R1



HPCB-FDE1005T800-2R3

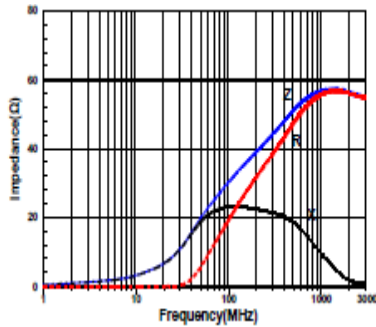


HPCB-FDE1005T121-2R0

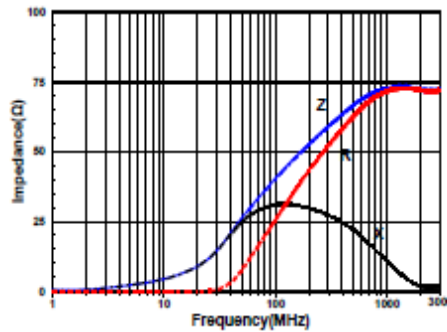


HPCB-4030 TYPE

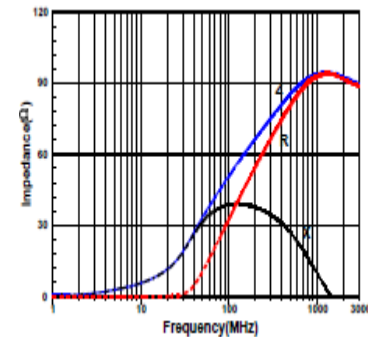
HPCB-FDE4030T300-10R0



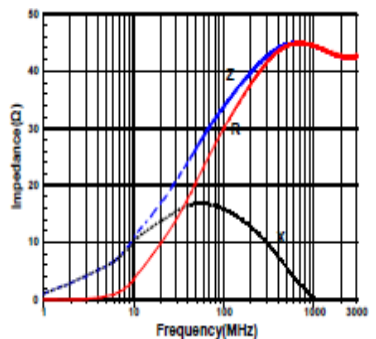
HPCB-FDE4030T400-10R0



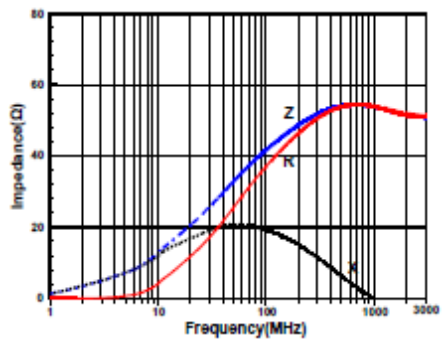
HPCB-FDE4030T560-10R0



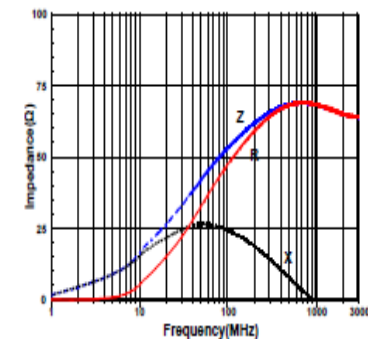
HPCB-FUE4030T300-10R0



HPCB-FUE4030T400-10R0



HPCB-FUE4030T560-10R0



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