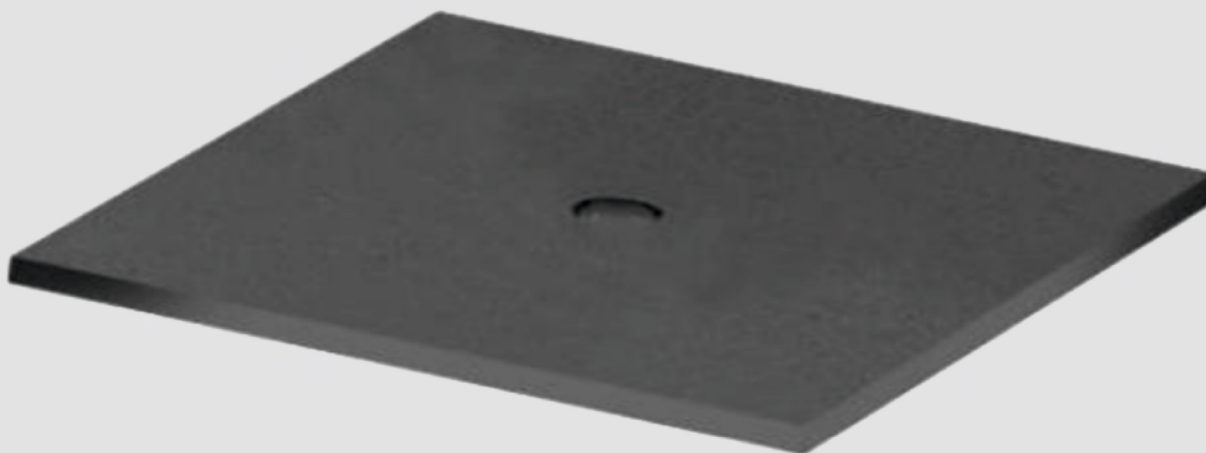


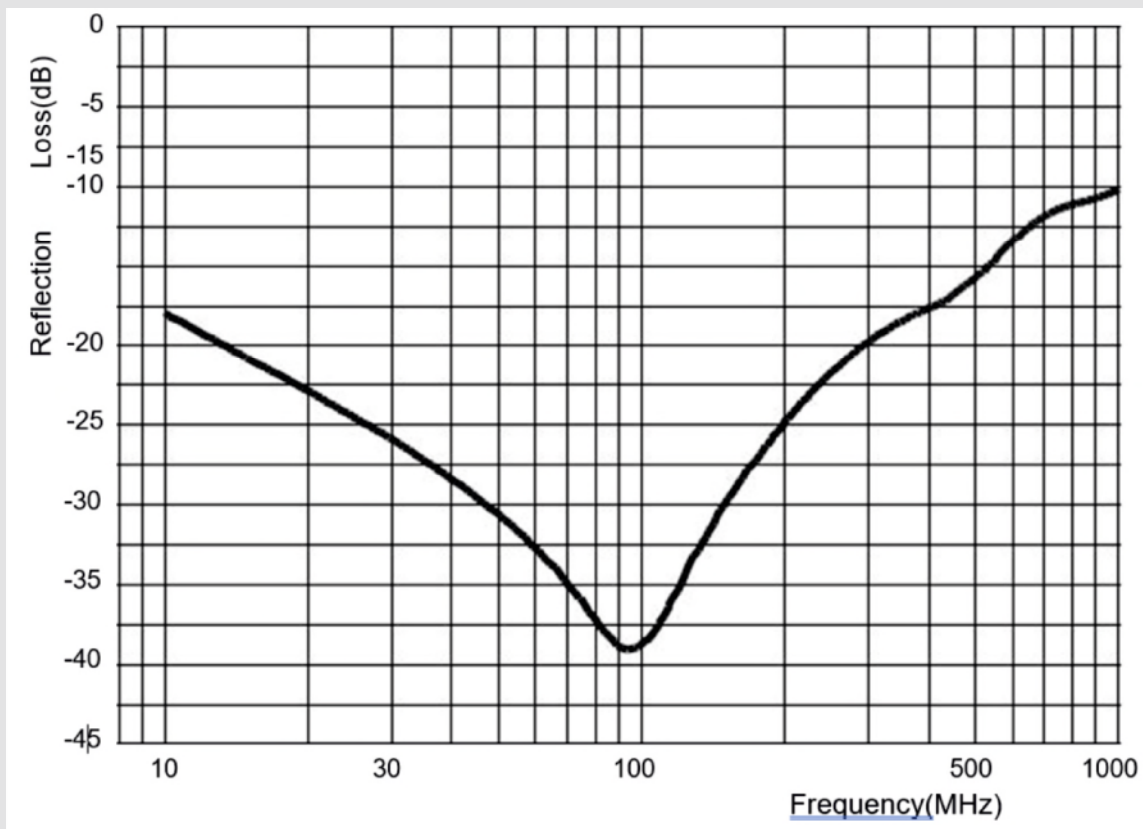
DMC-FRT-6.7/M

DMC Ferrite Tiles

Dimensions in mm	A	B	C	D	Weight
	99.95 +/-0.10	99.95 +/-0.10	6.70 +/-0.10	10.00 +/-0.20	330g

Material Characteristics of DMC-FRT-6.7/M

Properties	Symbol	Unit	Value
Initial permeability	Miac		5500 ±20%
Relative loss factor	$\tan\delta/\mu_{iac}$	$\times 10^6$	15 (0.1MHz)
Saturation flux density	Bs	mT	280 (1194A/m)
Remanence	Br	mT	180
Coercivity	Hc	A/m	3
Relative temp. factor (20°C~ 60°C)	$\alpha\mu_r$	$\times 10^6/^\circ\text{C}$	3
Curie Temperature	Tc	°C	>90
Density	δ	kg/m ³	4.85×103
Resistivity	ρ	$\Omega \cdot \text{m}$	>100

Typical graph of Reflection Loss(dB)



Specification of Performance

Frequency	Typical	Specification
30MHz	-25.5dB	-24.0dB max.
100MHz	-38.0dB	
300MHz	-19.5dB	
500MHz	-16.0dB	
700MHz	-12.0dB	
1000MHz	-10.0dB	-9.0dB max.

