

# General Characteristics (R-1787)

Item	Condition	Unit	R-1787 High Thermal Conductive CEM-3
Thermal conductivity	25°C	W/mK	1.10
Insulation resistance	C-96/20/65	MΩ	5×10 <sup>8</sup>
Dielectric constant	1GHz	—	4.5
Dissipation constant	1GHz	—	0.009
Solder heat resistance (260°C)	A	Sec	120 ↑
Modulus in Bending	Warp	GPa	18.0
	Fill		17.0
Tracking resistance	IEC method	—	600 ≦
CTE (TMA method)	X-axis	α1	ppm/°C
	Y-axis		
	Z-axis	α2	
Tg (TMA method)	Heating rate : 10°C/min	°C	140

※The above data is actual values and not guarantee values.