

Constant

LET IT SHAKE !

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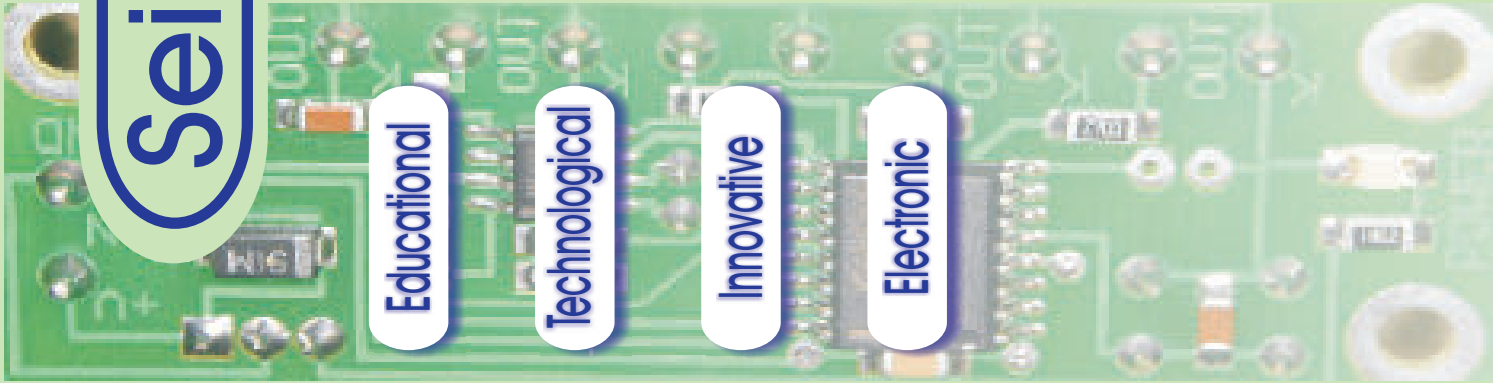
Educational

Technological

Innovative

Electronic

DIELECTRIC



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DIELECTRIC

Relative permittivity of isolation materials

Material	Dielectric Constant ϵ_r
Araldite	3.6
Atmosphere	1
Bakelite	3.6
Caster Oil	4.7
Ebonite	2.5
Glass	5
Marble	8
Mica	6
Micanite	5
Nylon	5
Olive Oil	3
Paper	2.3
Paraffin Oil	2.2
Paraffin Wax	2.2

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DIELECTRIC

Relative permittivity of isolation materials

Material	Dielectric Constant ϵ_r
Petroleum	2.2
Polystyrene	3
Polytetrafluorethylene (PTFE)	2.1
Porcelain	4.4
Quartz	4.5
Shellac	3.5
Slate	4
Sulfur	3.5
Teflon	2
Transformer oil mineral	2.2
Turpentine	2.2
Vulcanite	4
Water	80

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