

# Technical Data Sheet

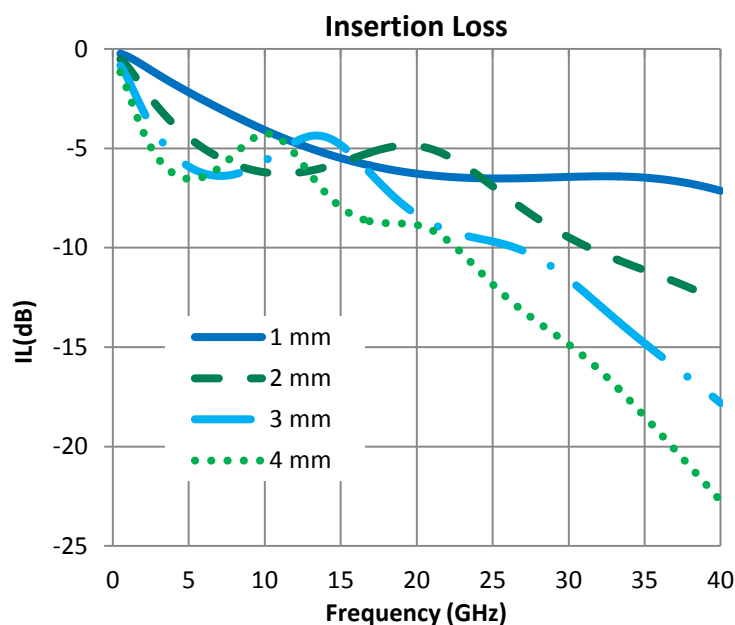
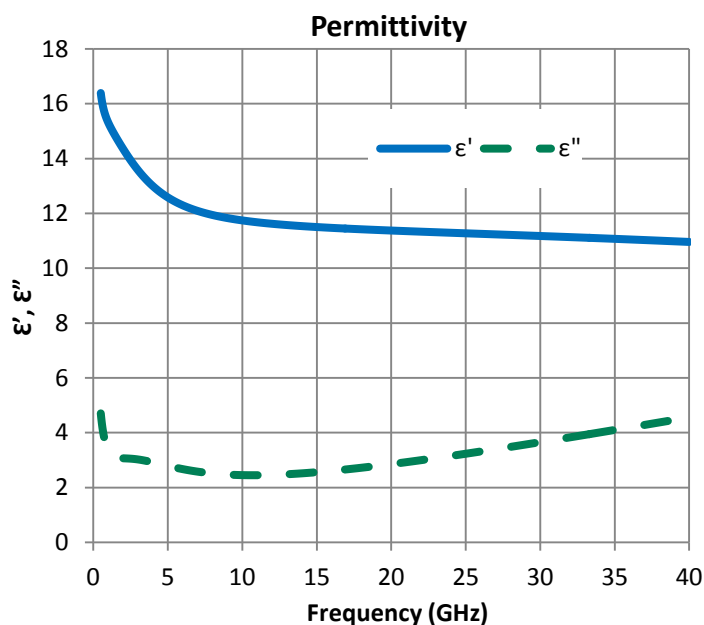
## LC1000



### Description

- Dielectric absorber based on a Liquid Crystal Polymer (LCP) thermoplastic.
- Can be injection molded into custom shapes, provides good high temperature performance and has the ability to flow into thin-walled parts.
- Typical applications include electrical connectors, housings, and circuit covers.
- Ideal for applications in the 10+ GHz range, but can be tailored to specific requirements.
- Halogen free, RoHS and REACH compliant.
- Flammability rating is UL-94 V0.

Properties	Test Method	Value
Durometer	ASTM D2240	84 Shore D
Tensile Strength	ASTM D638	18,800 psi
Tensile Modulus	ASTM D638	450,000 psi
Elongation	ASTM D638	6%
Flexural Strength at Failure	ASTM D790	265,000 psi
Flexural Modulus	ASTM D790	887,000 psi
Surface Resistivity	ASTM D257	>11 GΩ/□
Color		Black



Note: the information provided is accurate at time of publication. It is the responsibility of the end-user to confirm compliance to their application. All test data is typical.

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