High-Pass Filter · 1100–15000 MHz

For low-frequency interference, use the specified rejection of at least 40 dB from DC to 960 MHz. The passband VSWR limit is 1.67.

Allow room for the SMA connectors beyond the 60 × 25 × 12 mm body when planning installation. The 5 W power handling and –15...+45 °C operating range are guaranteed by design.

RF Performance

Parameter	Value
Passband	1100–15000 MHz
Passband Insertion Loss	≤ 1.8 dB
Out-of-band rejection	≥ 40 dB (DC–960 MHz)
VSWR	≤ 1.67

Power and Temperature Ratings

Parameter	Value
Power Handling	5 W (Guaranteed by design)
Operating Temperature	–15...+45 °C (Guaranteed by design)

Mechanical and Interface Specifications

Parameter	Value
RF Impedance	50 Ω
RF Interface	SMA-K
Body dimensions	60 × 25 × 12 mm (Excluding connectors)
Mounting hole center spans	55 × 20 mm
Mounting hole pattern	4 through holes, Ø2.8 mm
Surface finish	Black baked finish
RF connector axis height above housing base	6 mm
Connector Axis Distance from Body Side	12.5 mm

Document notice

Specifications are subject to revision. Before design release, confirm the current document revision and product-specific requirements with LCRF. The approved quotation and order documentation define the supplied configuration.