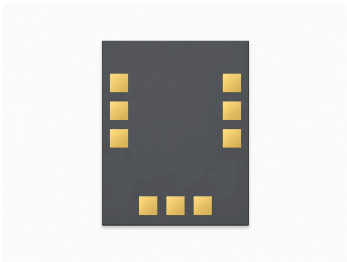


12000–18000 MHz GaAs IPD 2-way 0° power divider die

Isolation: 25 dB (typical); Input VSWR: 1.2 (typical); Output VSWR: 1.1 (typical). Die dimensions: 0.8 × 1 × 0.1 mm.



RF characteristics · TA = +25 °C

Parameter	Symbol	Minimum	Typical	Maximum	Value	Unit
Operating frequency	-	12000	-	18000	12000–18000	MHz
Isolation	-	-	25	-	-	dB
Input VSWR	-	-	1.2	-	-	-
Output VSWR	-	-	1.1	-	-	-

Absolute limits

Parameter	Symbol	Minimum	Typical	Maximum	Unit
Maximum input power	-	-	-	30	dBm

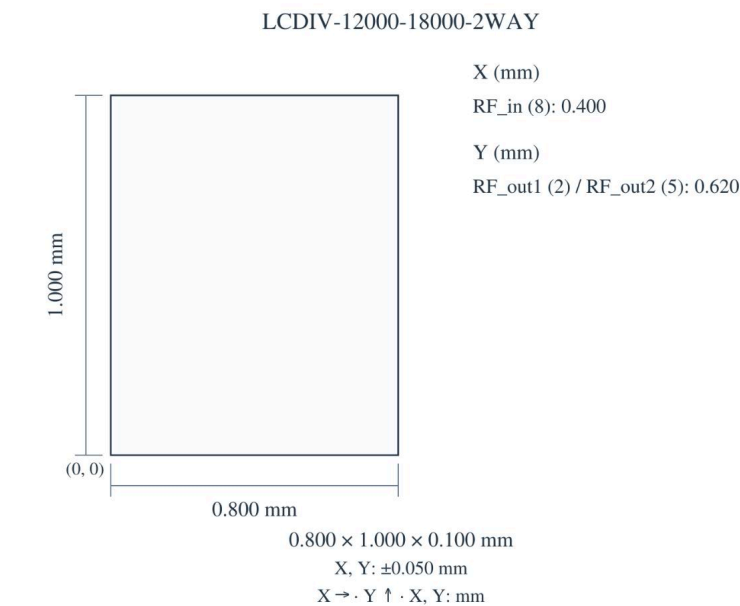
Environmental specifications

Parameter	Symbol	Minimum	Typical	Maximum	Unit
Storage temperature	-	-65	-	150	°C
Operating temperature	-	-55	-	85	°C

Die dimensions

Parameter	Value	Unit
Die dimensions	$0.8 \times 1 \times 0.1$	mm

Mechanical Outline



All dimensions are in mm [in].

Bond-pad assignments

Pins	Symbol	Function	Notes
1, 3, 4, 6, 7, 9	GND	Ground; no wire bond required	-
2	RFout1	RF output	1
5	RFout2	RF output	2
8	RFIn	RF input	-

Current publication record · 1.3 · 2026-10-27. Product description or editorial content updated. Replaces revision 1.2.

Mechanical reference scope

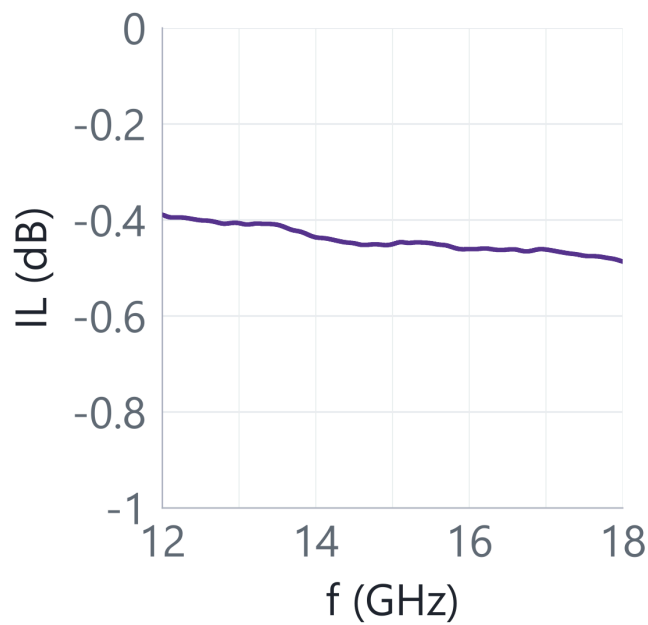
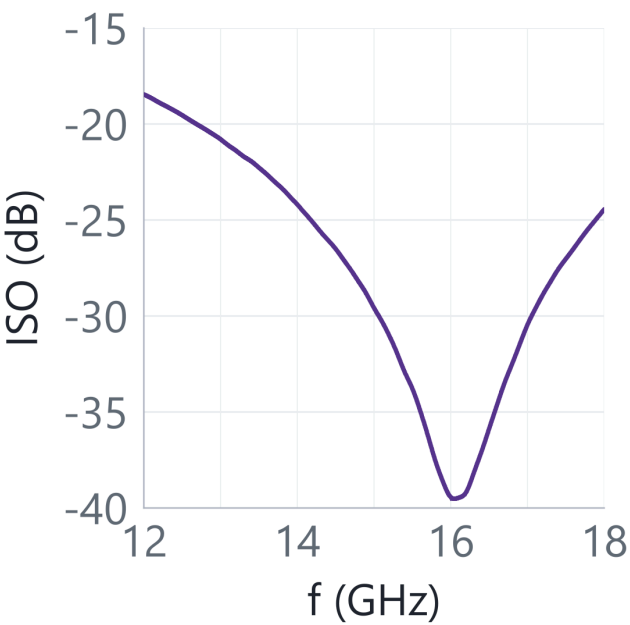
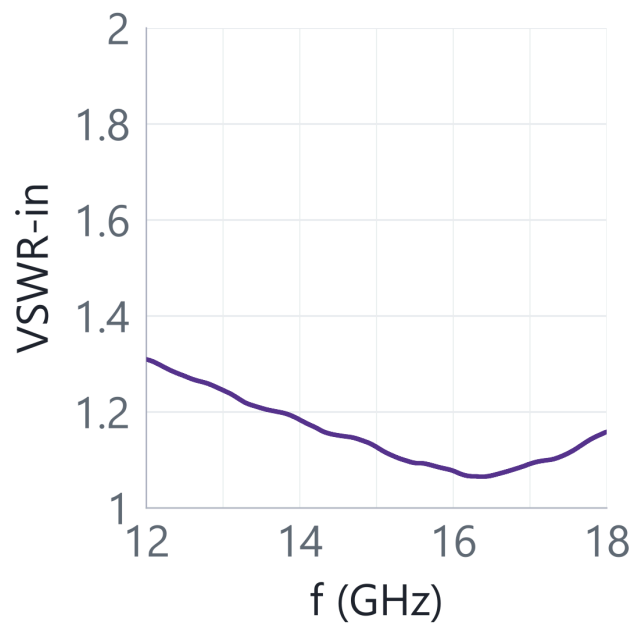
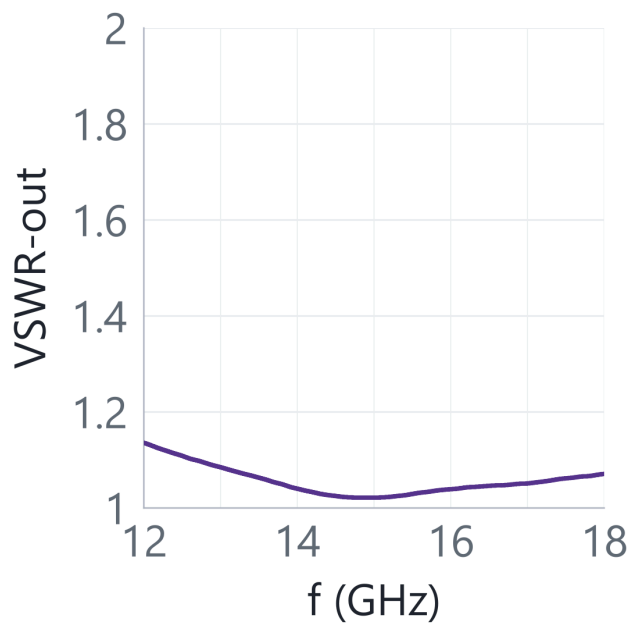
Source-based dimensional guide in mm. Partial information; not a complete fabrication or wire-bonding drawing.

Performance curves

Plots from the source datasheet. Read each figure with its stated operating conditions.

Insertion loss; Isolation; Input matching; Output matching.

Redrawn from the source figure; readings are approximate.



[Source](#)

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.