

LC Duplexer

ALCD1800M4200M30SMD

Revision record

Date	Version	Author	Revision description	Comment
2024/12/06	V1.3	Vivian	Created	/
2024/12/12	V1.4	Vivian	Updated the Rejection/ Dimension	/
2024/12/17	V1.5	Vivian	Updated the Simulation curve	/

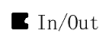
Electrical specification

Parameter	Specification	
Frequency range	PB1:1800-2700MHz	PB2:3300-4200MHz
Insertion loss	≤1.5dB	≤2.0dB
Passband ripple	≤1dB	≤1dB
Return loss	≥14dB	≥14dB
Rejection	≥30dB@600-960MHz ≥46dB@3300-4200MHz	≥30dB@600-2700MHz ≥30dB@6000-8400MHz
Power	30dBm	

Mechanical specification

Parameter	Specification
Dimension	L x W x H: 33mm x 43mm x 8mm
Connectors	SMD
Notes	Material shall be RoHS 6/6

Outline



Simulation curve

