

# Cavity Duplexer

## ATD896M960M12A

### Revision record

Date	Version	Author	Revision description	Comment
2024/09/20	V1.2	Sam	Created	/

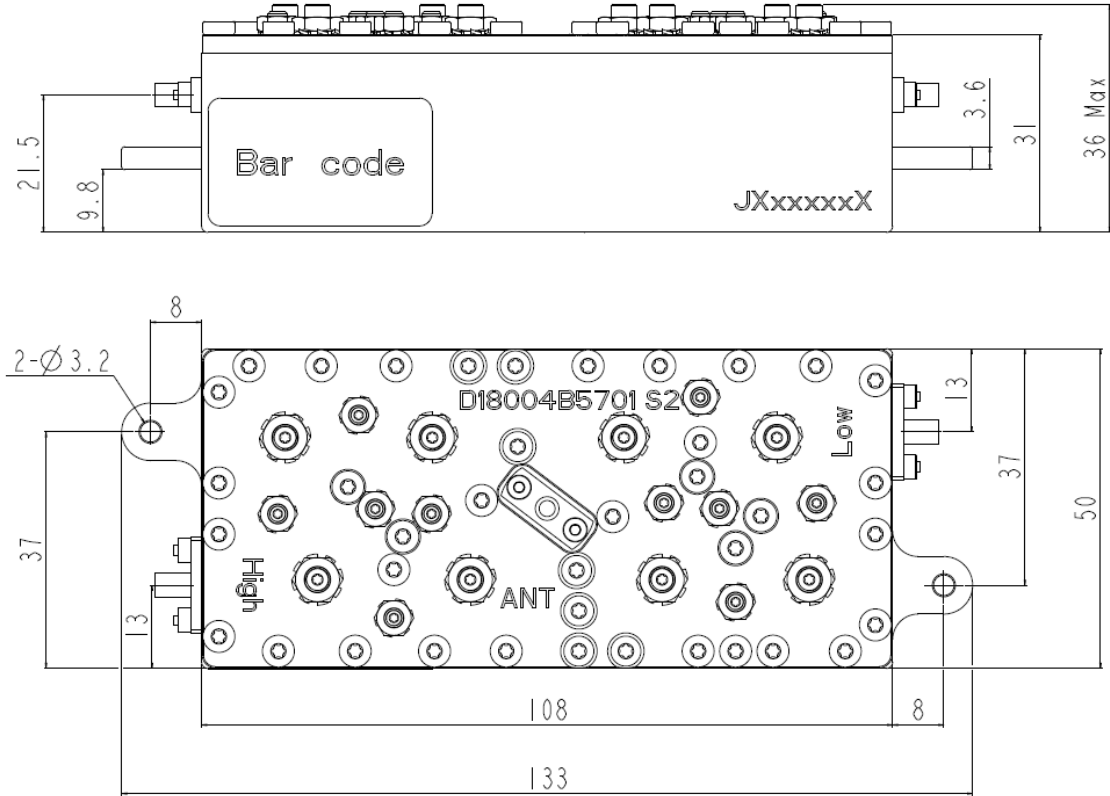
### Electrical specification

Parameter		Specification	
Frequency range		Low	High
		928-935MHz	941-960MHz
Insertion loss		≤2.5dB	≤2.5dB
Bandwidth1		1MHz (Typical)	1MHz (Typical)
Bandwidth2		1.5MHz (over temp,F0±0.75MHz)	1.5MHz (over temp,F0±0.75MHz)
Return loss	(Normal Temp)	≥20dB	≥20dB
	(Full Temp)	≥18dB	≥18dB
Rejection1		≥70dB@F0+≥9MHz	≥70dB@F0-≤9MHz
Rejection2		≥37dB@F0-≥13.3MHz	≥37dB@F0+≥13.3MHz
Rejection3		≥53dB@F0-≥26.6MHz	≥53dB@F0+≥26.6MHz
Power		100W	
Temperature range		-30°C to +70°C	
Impedance		50Ω	

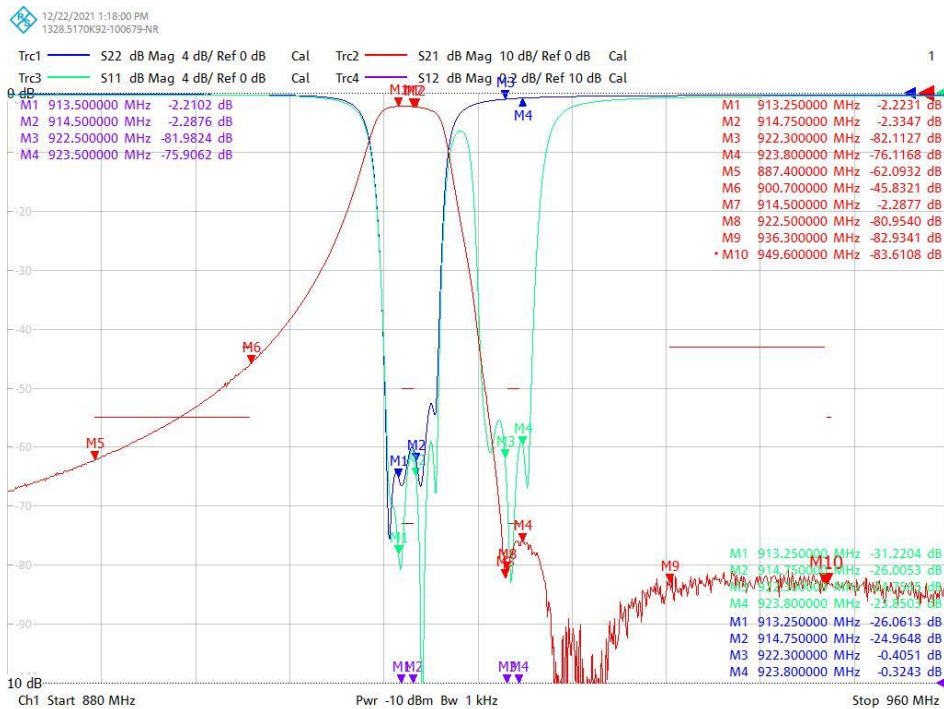
### Mechanical specification

Parameter	Specification
Dimension	L x W x H: 108mm x 50mm x 31mm (36.0mm Max)
Connectors	SMB-Male
Finish	Silver
Notes	Material shall be RoHS 6/6

Outline



Test curve



12/22/2021 1:16:45 PM  
1328.5170K92-100679-NR

