

### Features

- Cavity Duplexer
- Very compact size and low weight. (100.0 x 100.0 x 27.0 mm)
- 0.7 dB typical Insertion loss @ room temp.
- 102 dB typical Band1 and Band2 Rejection.



### Electrical Specifications

#### Duplexer High Path (Band1 → ANT)

PARAMETER	SPECIFICATION	COMMENT
Frequency Range	2,220 MHz ~ 2,240 MHz	BW = 20 MHz
Insertion Loss	1.5 dB Max.	
Pass Band Ripple	0.5 dB Max.	
Return Loss	18.0 dB Min.	
Rejection	100.0 dBc Min.	@ 2,320 MHz ~ 2,340 MHz
Max Power	10 Watts	CW
Impedance	50 Ω	

#### Duplexer Low Path (ANT → Band2)

PARAMETER	SPECIFICATION	COMMENT
Frequency Range	2,320 MHz ~ 2,340 MHz	BW = 20 MHz
Insertion Loss	1.5 dB Max.	
Pass Band Ripple	0.5 dB Max.	
Return Loss	18.0 dB Min.	
Rejection	100.0 dBc Min.	@ 2,220 MHz ~ 2,240 MHz
Impedance	50 Ω	

### Environmental

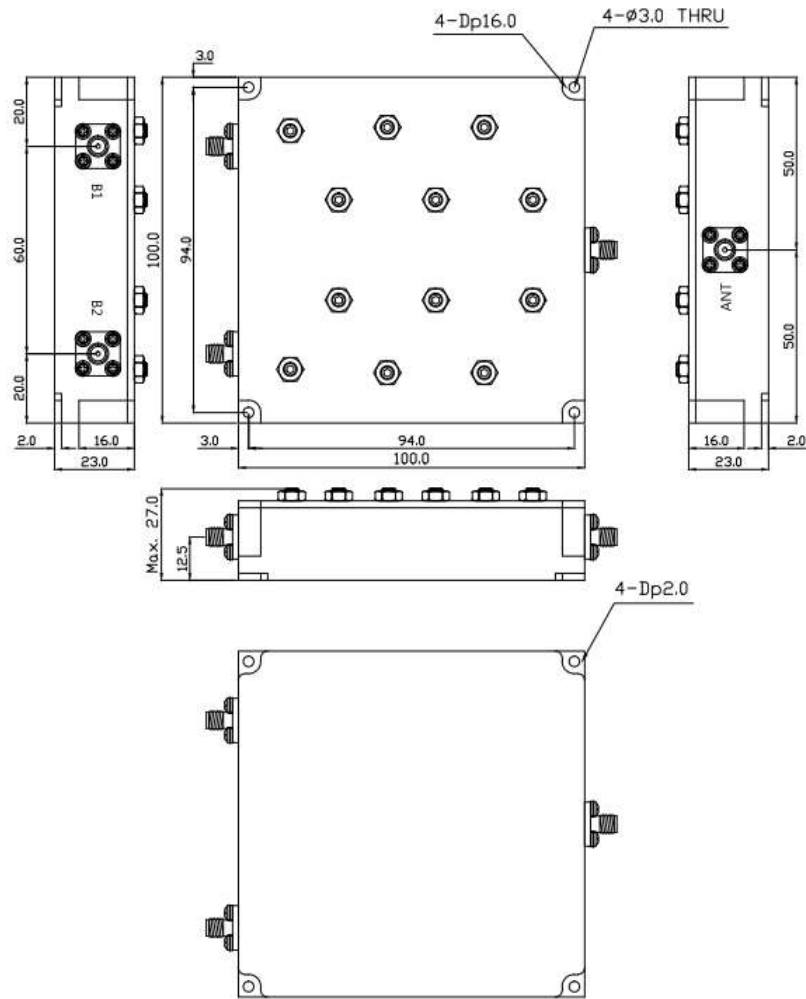
Operating temperature range      -20 to +85 °C

### Mechanical

Dimensions<sup>1)</sup>                              100.0 x 100.0 x 27.0 mm

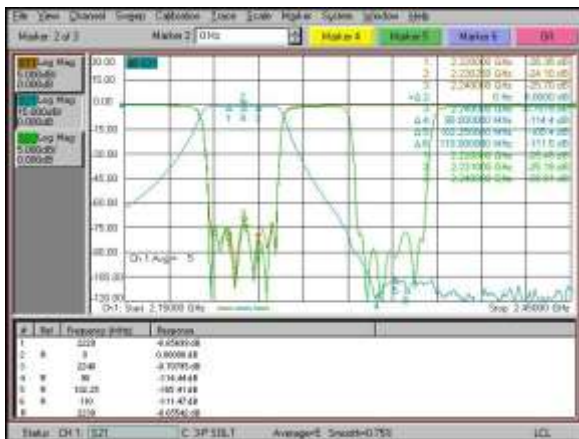
1) Exclude connectors

# Outline Drawing

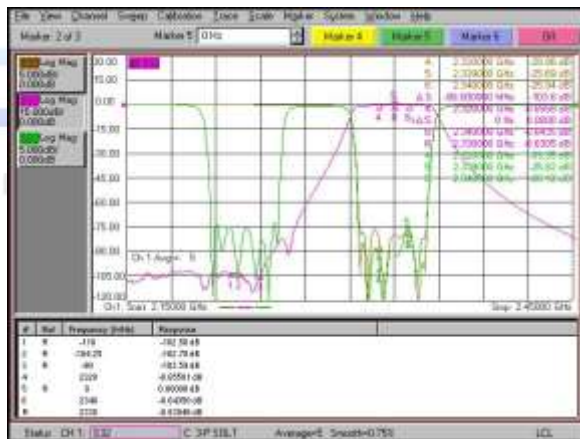


Units : mm, Tolerance : +/- 0.2 mm

# Typical Response



Duplexer Band1 path Transmission



Duplexer Band2 path Transmission