

SAW Filter 433.92 MHz AGSD-433-F 11

Maximum Rating:

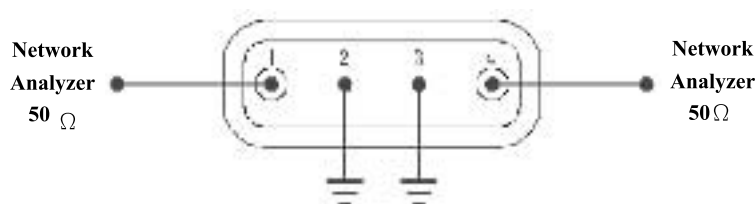
1. Input Power Level: 0 dBm
2. DC voltage: 0V
3. Operating Temperature: -15°C to +60°C
4. Storage Temperature: -40°C to +85°C

Electrical Characteristics:

Item		Unit	Min.	Type	Max.
Center frequency	F_c	MHz	-	433.92	-
Insertion Loss	IL_{min} (reference level)	dB	-	2.3	3.5
3dB Bandwidth	BW_{3dB}	MHz	4	7.7	-
Attenuation: (Reference level from IL_{min})					
$F_c - 100$ to $F_c - 200$	MHz	DB	56	64	-
$F_c - 25$ to $F_c - 100$	MHz	DB	40	55	-
$F_c - 10.7$	MHz	DB	42	59	-
$F_c + 25$ to $F_c + 100$	MHz	DB	40	60	-
$F_c + 100$ to $F_c + 200$	MHz	DB	40	52	-
Source impedance	Z_s	Ω	-	50	-
Load impedance	Z_L	Ω	-	50	-

Note: IL_{min} is the minimum of the pass band attenuation. The center frequency F_c is the mean value of the upper and lower frequencies at the 3dB filter attenuation level relative to the IL_{min} .

Measurement Circuit



Outline Drawing

