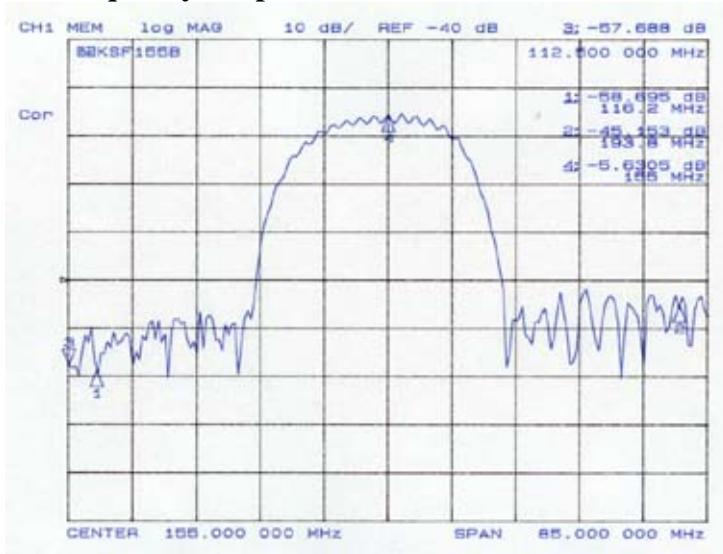
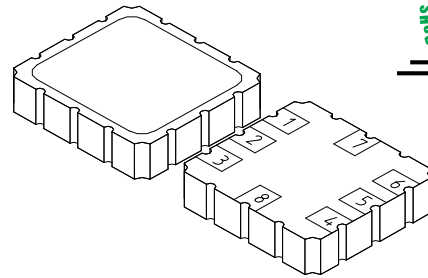


Model SF1007

Frequency Response



Terminal Connection



2, 5 : INPUT , OUTPUT
1, 3, 4, 6, 7, 8 : GROUND

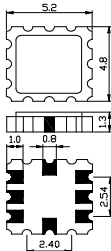
Maximum Ratings

Item	Unit	Condition	Rating
Maximum DC Voltage	V	-	15
Maximum Input Power	dBm	-	10
Operating Temperature Range	°C	-	-10 ~ +50
Storage Temperature Range	°C	-	-30 ~ +80

Electrical Specifications

Item	Unit	Condition	Min	Typ	Max
Center Frequency	MHz	F ₀	155		
Passband Width	MHz	-	F ₀ +/-4.0		
Insertion Loss	dB	Passband	-	5.8	6.5
Passband Ripple Deviation	dB	Passband	-	-	2
Stop Band Rejection	dB	F ₀ -100.0 ~ F ₀ -38.8 MHz	50	-	-
		F ₀ +38.8 ~ F ₀ +100.0 MHz	42	-	-
Terminating Impedance	Ω	-	210 // Tuning		

Package Dimension



Matching Configuration

Bottom View

Source / Load Impedance = 50Ω

Z1:210Ω// -9.2pF , Z2:210Ω// -9.2pF

Ambient Temperature = 25 °C

