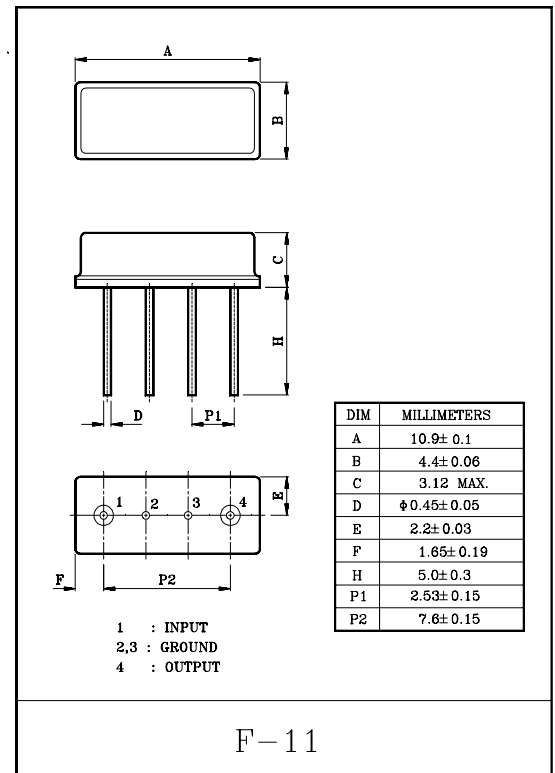


Band pass filters for the receiving RF circuits of transceiver.

- High stability and reliability with good performance and no adjustment.
- Wide and sharp pass band characteristics.
- Low insertion loss and deep stop band attenuation for interference.
- Terminating Impedance : 150Ω//0pF
- SMD Type Package : KF465AS(SC-45), KF465AV(SC-44)

MAXIMUM RATINGS (Ta=25℃)

ITEM	SYMBOL	RATING	UNIT
Input Signal Level	IS _{max}	0	dBm
DC Permissive Voltage	V _{DC}	+10	V
Operating Temperature Range	T _{opr}	-20~+60	℃
Storage Temperature Range	T _{stg}	-30~+85	℃

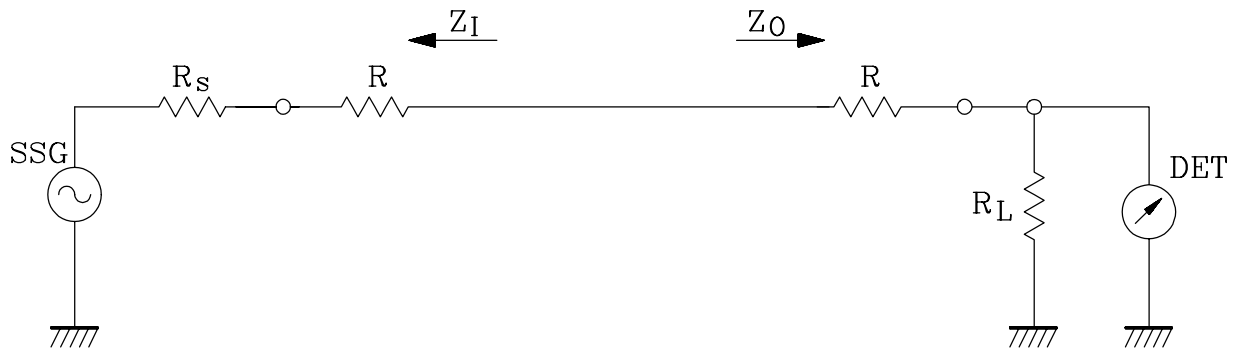


ELECTRICAL CHARACTERISTICS (Temperature 20±2℃, Humidity 65±5%)

ITEMS	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Nominal Center Frequency	f ₀	-	-	465	-	MHz
Bandwidth	BW _{3dB}	-	f ₀ ±3.0	-	-	MHz
Insertion Loss	IL _{PASS}	f ₀ ±3.0MHz	-	-	4.0	dB
Ripple Level	A _{RIP}	f ₀ ±3.0MHz	-	-	2.0	dB
Rejection Level	IL _{STOP}	f ₀ -13.7~f ₀ -7.7MHz	8	-	-	dB
		f ₀ -45.8~f ₀ -39.8MHz	50	-	-	dB
		f ₀ +39.8~f ₀ +45.8MHz	45	-	-	dB
Input/Output Impedance	Z _I (Z _O)	-	-	150Ω//0pF	-	-

TEST CIRCUIT

REFERENCE LEVEL TEST CIRCUIT

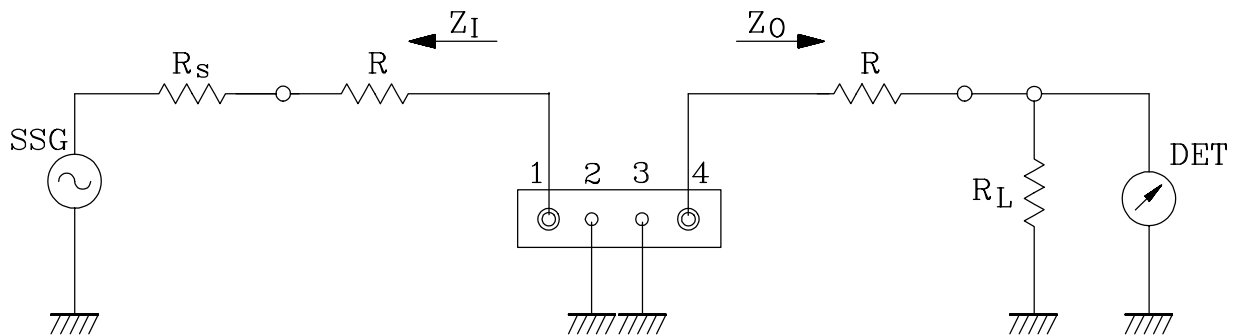


$R_s, R_L : 50\Omega$ (Internal Impedance of Source and Load)

$R : 0\Omega$

$$Z_I(Z_O) = R_s(R_L) + R$$

MEASUREMENT CIRCUIT



1: Input 2,3: Ground 4: Output

$R_s, R_L : 50\Omega$ (Internal Impedance of Source and Load)

$R : 100\Omega$

$$Z_I(Z_O) = R_s(R_L) + R$$