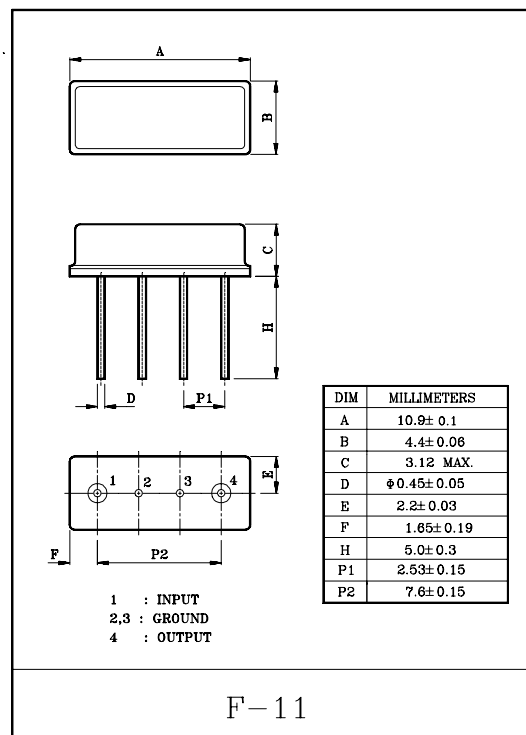


Band pass filters for the receiving RF circuits of pager

- 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.
- SMD Package Type : (SC-45)KF282S, (SC-44)KF282V.

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}	-10~+50	℃
Storage Temperature Range	T_{stg}	-30~+85	℃

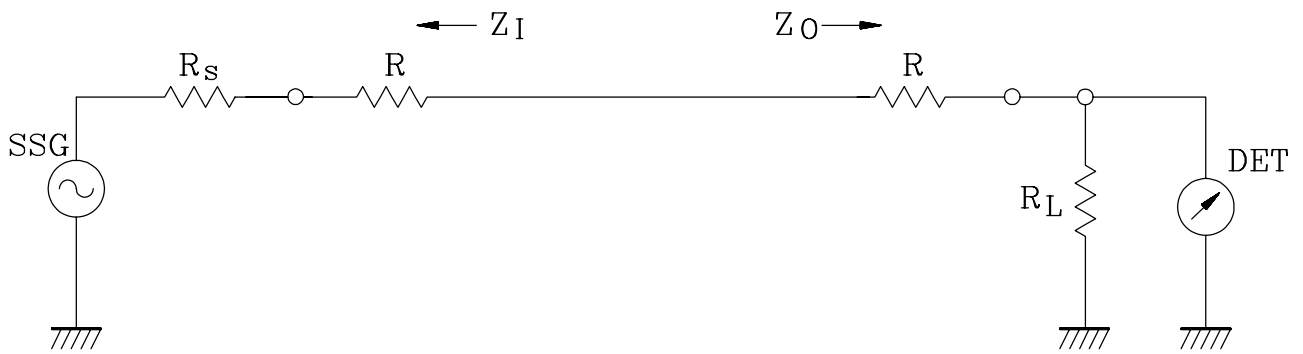


ELECTRICAL CHARACTERISTICS (Temperature 20±2℃, Humidity 65±5%)

ITEMS	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Nominal Center Frequency	f_0	-	-	282	-	MHz
Bandwidth	BW_{3dB}	-	$f_0 \pm 4.0$	-	-	MHz
Insertion Loss	IL_{PASS}	$f_0 \pm 4.0\text{MHz}$	-	-	4.0	dB
Ripple Level	A_{RIP}	$f_0 \pm 4.0\text{MHz}$	-	-	2.0	dB
Rejection Level	IL_{STOP}	$f_0 - 100 \sim f_0 - 39.5\text{MHz}$	50	-	-	dB
		$f_0 + 39.5 \sim f_0 + 100\text{MHz}$	50	-	-	dB
Input/Output Impedance	$Z_i(Z_o)$	-	-	150Ω//0pF	-	-

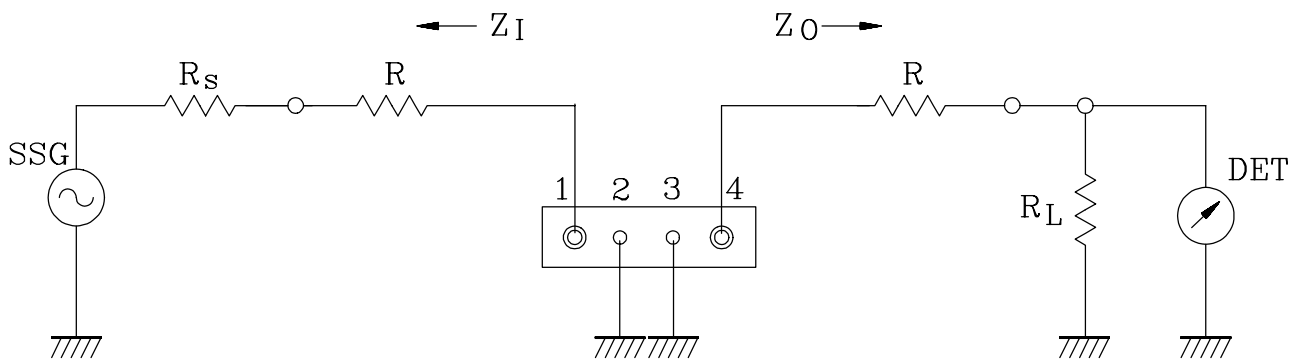
TEST CIRCUIT

REFERENCE LEVEL TEST CIRCUIT



$R_s, R_L : 50\Omega$ (Internal Impedance of Source and Load)
 $R : 100\Omega$
 $Z_I(Z_O)=R_s(R_L)+R$

MEASUREMENT CIRCUIT



1: Input 2,3: Ground 4: Output

$R_s, R_L : 50\Omega$ (Internal Impedance of Source and Load)
 $R : 100\Omega$
 $Z_I(Z_O)=R_s(R_L)+R$