

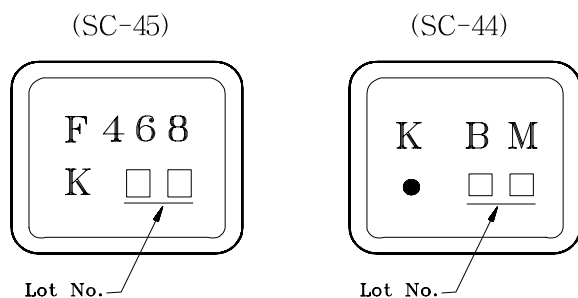
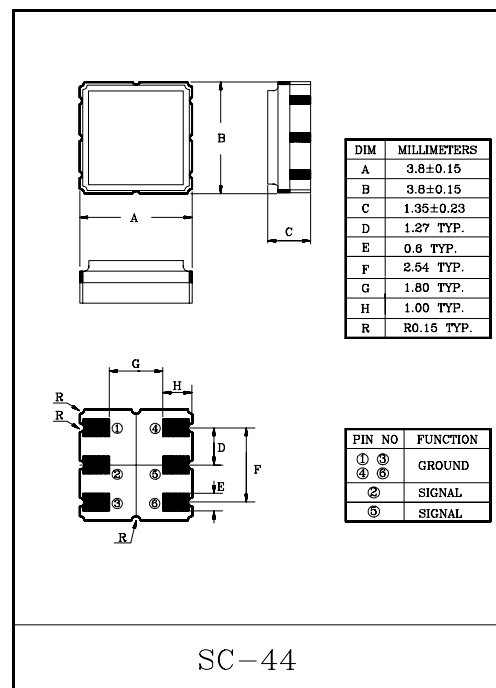
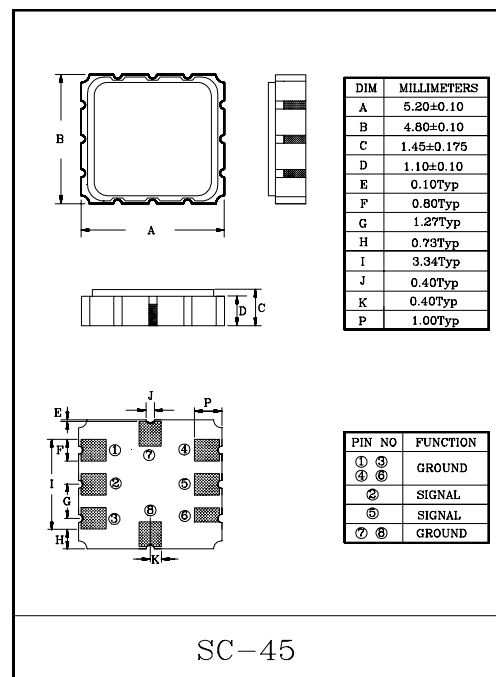
Band pass filters for the receiving RF circuits of pager

- 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.
- KF468S : SC-45 Package,
KF468V : SC-44 Package.
- F-11 Package Type : KF468.

MAXIMUM RATINGS (Ta=25℃)

ITEM	SYMBOL	RATING	UNIT
Input Signal Level	$I_{S_{max}}$	0	dBm
DC Permissive Voltage	V_{DC}	+10	V
Operating Temperature Range	T_{opr}	-10~+50	℃
Storage Temperature Range	T_{stg}	-30~+85	℃

Marking

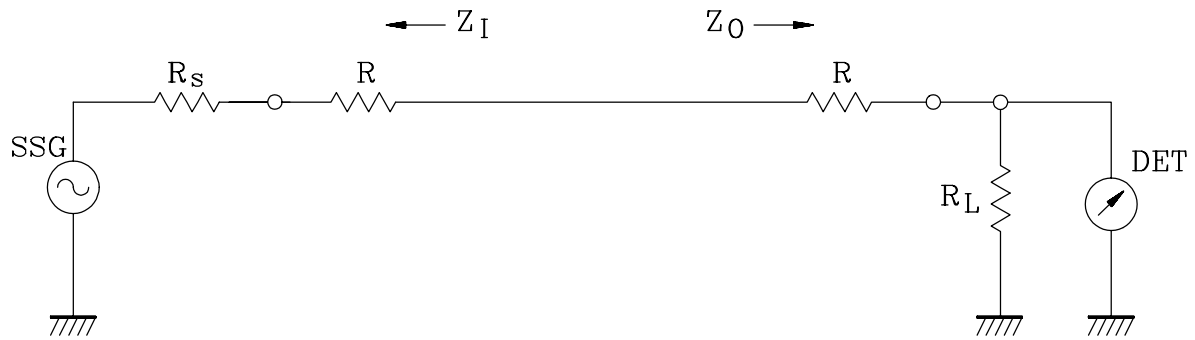


ELECTRICAL CHARACTERISTICS (Temperature 20±2℃, Humidity 65±5%)

ITEMS	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Nominal Center Frequency	f_0	-	-	468	-	MHz
Bandwidth	BW_{3dB}	-	$f_0 \pm 5.0$	-	-	MHz
Insertion Loss	IL_{PASS}	$f_0 \pm 5.0\text{MHz}$	-	-	4.0	dB
Ripple Level	A_{RIP}	$f_0 \pm 5.0\text{MHz}$	-	-	2.0	dB
Rejection Level	IL_{STOP}	$f_0 - 47.8 \sim f_0 - 37.8\text{MHz}$	55	-	-	dB
		$f_0 + 37.8 \sim f_0 + 47.8\text{MHz}$	45	-	-	dB
Input/Output Impedance	$Z_i(Z_o)$	-	-	50Ω//0pF	-	-

TEST CIRCUIT

REFERENCE LEVEL TEST CIRCUIT



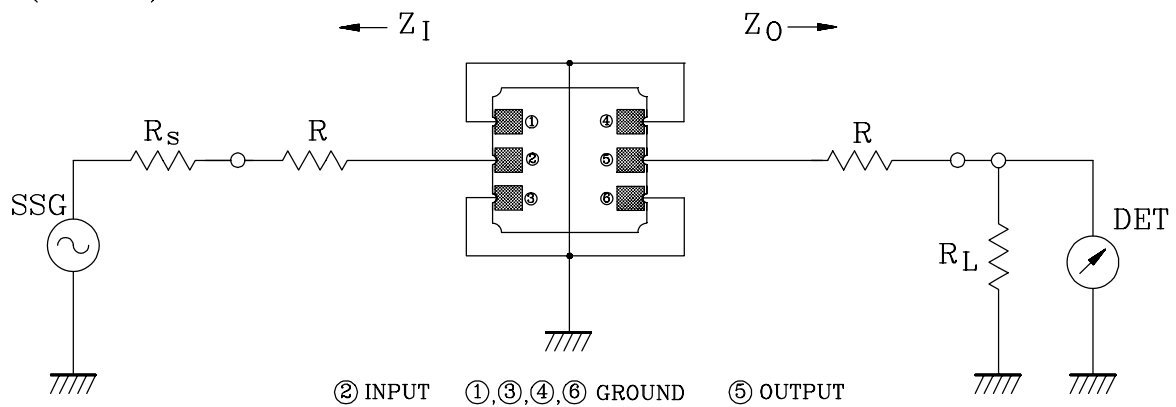
$R_s, R_L : 50\Omega$ (Internal Impedance of Source and Load)

$R : 0\Omega$

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

MEASUREMENT CIRCUIT

(SC-44)

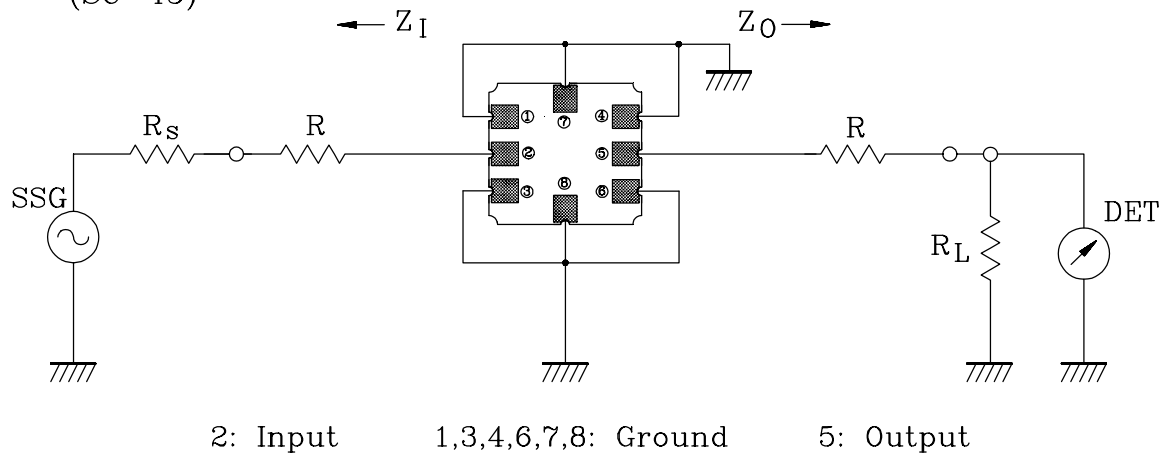


$R_s, R_L : 50\Omega$ (Internal Impedance of Source and Load)

$R : 0\Omega$

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

(SC-45)



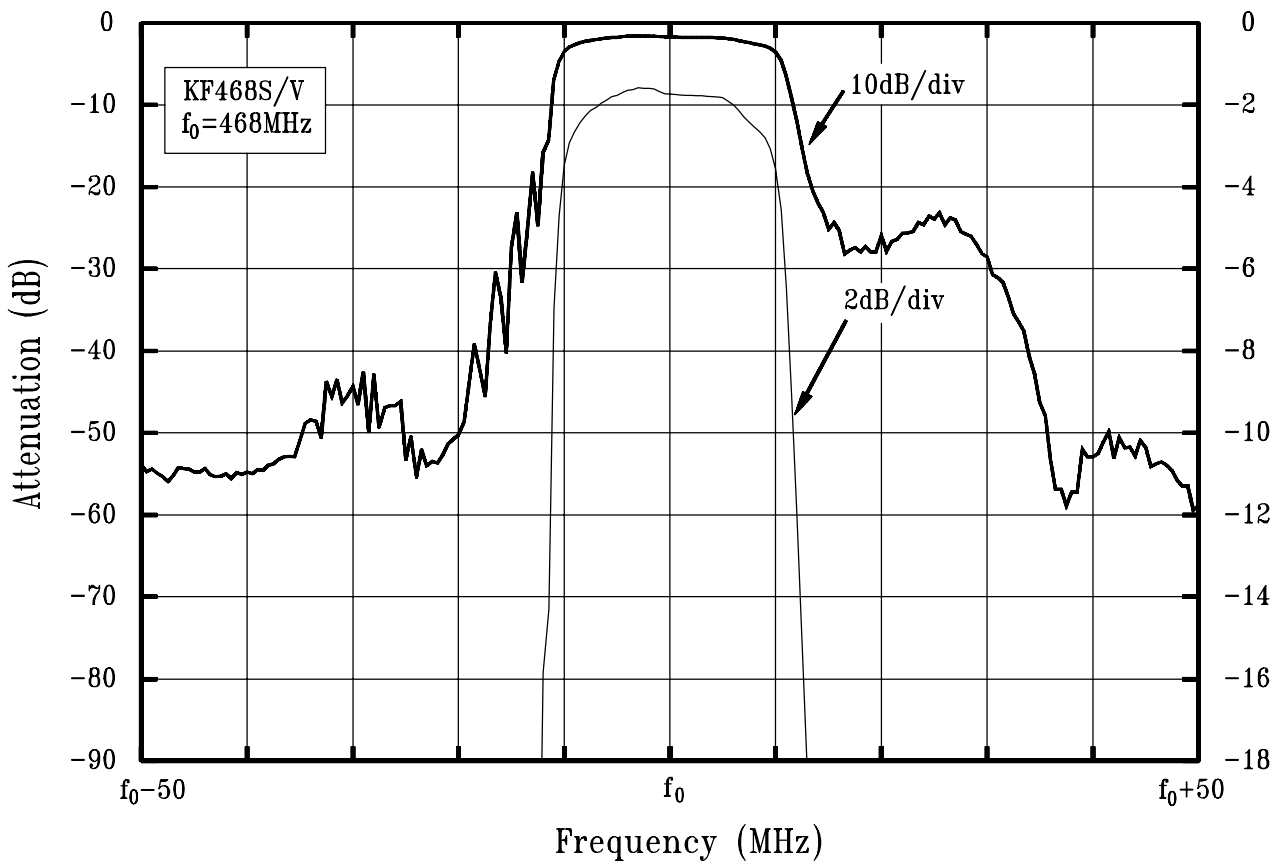
2: Input

1,3,4,6,7,8: Ground

5: Output

KF468S/V

ATT - f



ATT - f

