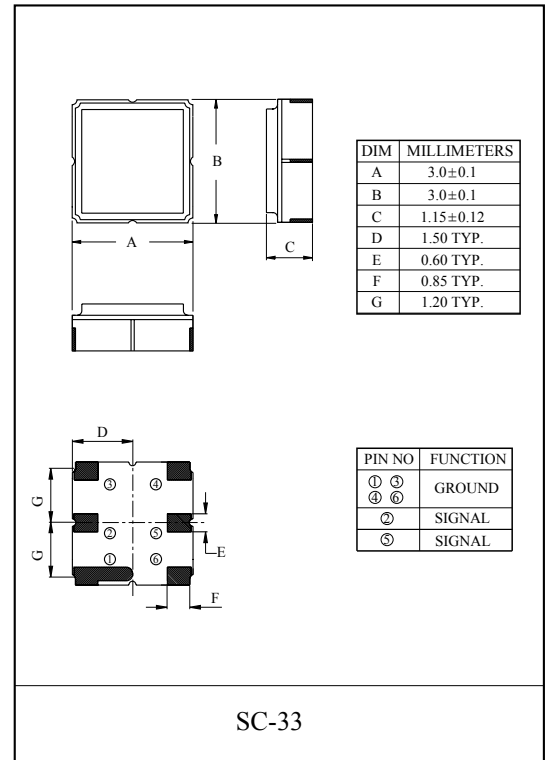


Band pass filters for the receiving RF circuits of transceiver

- 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 :  $150\Omega//0pF$
- KF465AS : SC-45 Package, KF465AV : SC-44 Package.
- F-11(DIP type package) : KF465A.

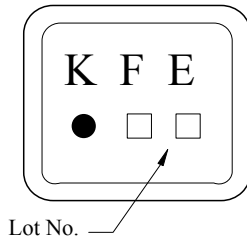
### MAXIMUM RATINGS

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	°C
Storage Temperature Range	$T_{stg}$	-30~+85	°C



### MARKING

(SC-33)



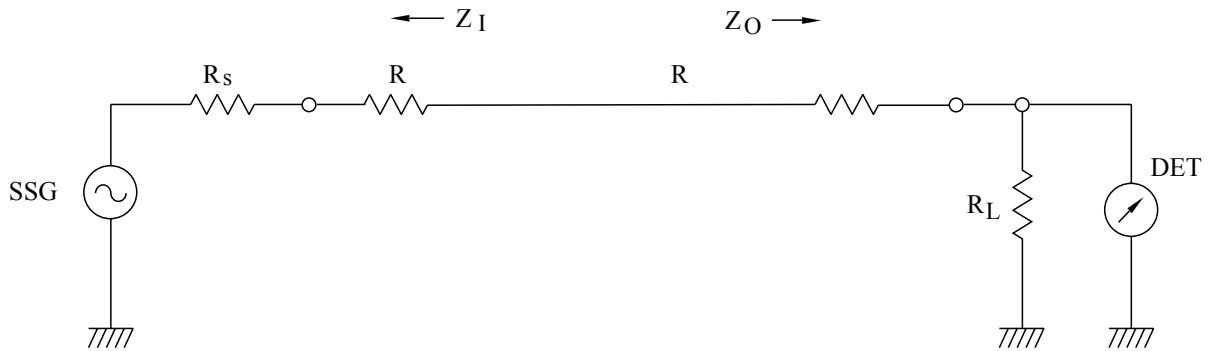
### ELECTRICAL CHARACTERISTICS (Ta=-20°C to 60°C)

ITEMS	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Nominal Center Frequency	$f_0$	-	-	465	-	MHz
Bandwidth	$BW_{3dB}$	-	$f_0 \pm 3.0$	-	-	MHz
Insertion Loss	$IL_{PASS}$	$f_0 \pm 3.0MHz$	-	-	4.0	dB
Ripple Level	$A_{RIP}$	$f_0 \pm 3.0MHz$	-	-	2.0	dB
Rejection Level	$IL_{STOP}$	$f_0-13.7 \sim f_0-7.7MHz$	8	-	-	dB
		$f_0-45.8 \sim f_0-39.8MHz$	50	-	-	dB
		$f_0+39.8 \sim f_0+45.8MHz$	45	-	-	dB
Input/Output Impedance	$Z_i(Z_o)$	-	-	$150\Omega//0pF$	-	-

# KF465AU

## TEST CIRCUIT

### REFERENCE LEVEL TEST CIRCUIT

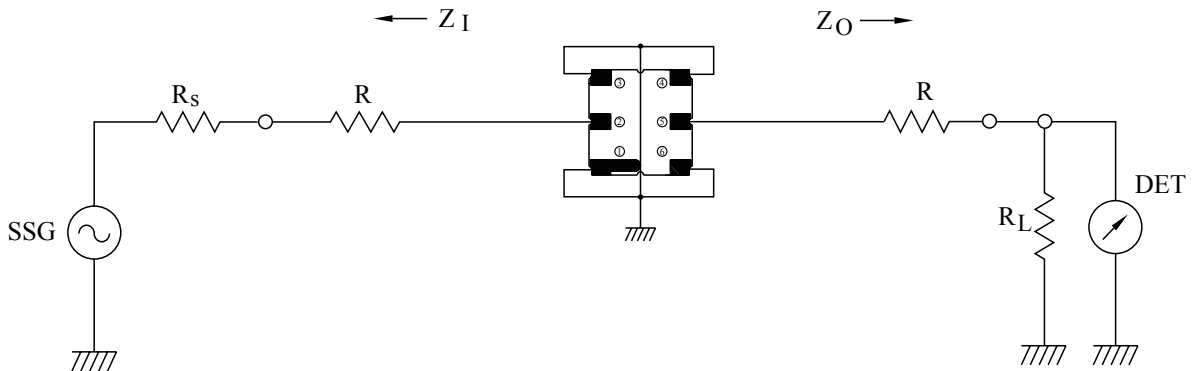


$R_s, R_L : 50 \Omega$  (Internal Impedance of Source and Load)

$R : 0 \Omega$

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

## MEASUREMENT CIRCUIT



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

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

$R : 100 \Omega$

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