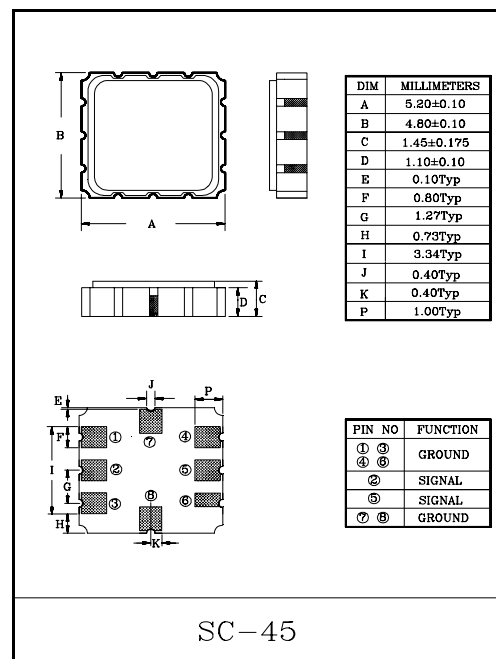
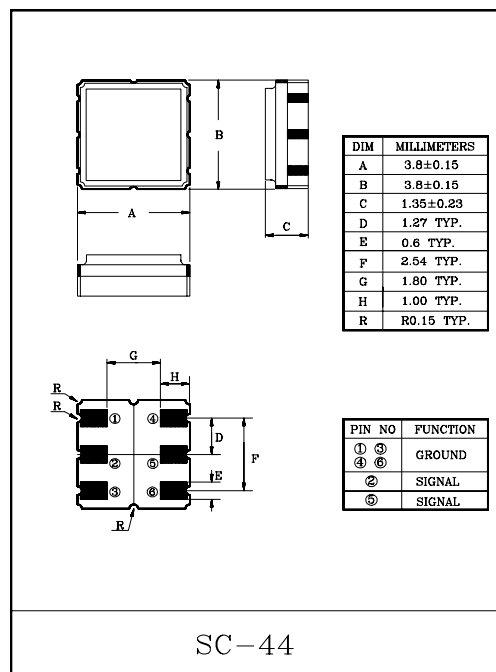


Band pass filters for the receiving RF circuits
of transceiver

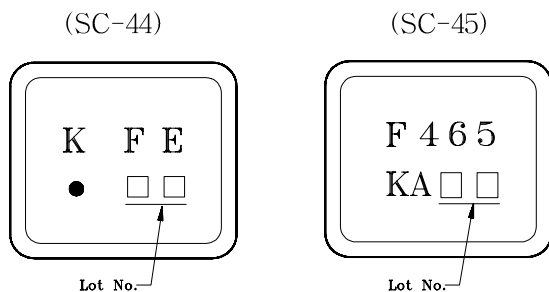
- High stability and reliability with good performance and no adjustment.
- Wide and sharp pass band characteristics.
- Low insertion loss and deep stop band attenuation for interference.
- Terminating Impedance : $150\Omega//0pF$
- KF465AS : SC-45 Package, KF465AV : SC-44 Package.
- F-11(DIP type package) : KF465A.

MAXIMUM RATINGS ($T_a=25^\circ C$)

ITEM	SYMBOL	RATING	UNIT
Input Signal Level	IS_{max}	0	dBm
DC Permissive Voltage	V_{DC}	+10	V
Operating Temperature Range	T_{opr}	$-20\sim+60$	$^\circ C$
Storage Temperature Range	T_{stg}	$-30\sim+85$	$^\circ C$



Marking

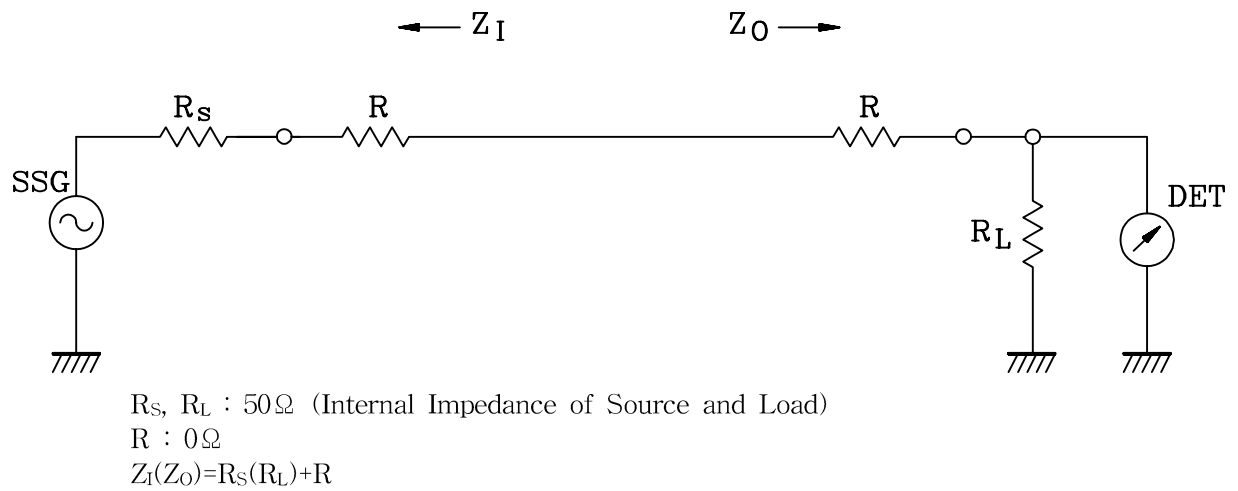


ELECTRICAL CHARACTERISTICS (Temperature $20\pm2^\circ C$, Humidity $65\pm5\%$)

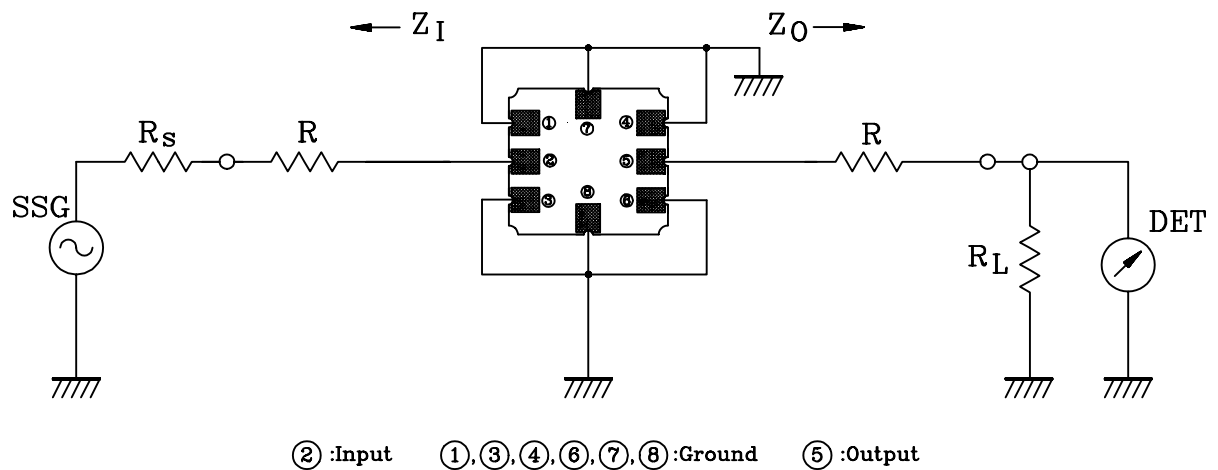
ITEMS	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Nominal Center Frequency	f_0	-	-	465	-	MHz
Bandwidth	BW_{3dB}	-	$f_0\pm3.0$	-	-	MHz
Insertion Loss	IL_{PASS}	$f_0\pm3.0MHz$	-	-	4.0	dB
Ripple Level	A_{RIP}	$f_0\pm3.0MHz$	-	-	2.0	dB
Rejection Level	IL_{STOP}	$f_0-13.7\sim f_0-7.7MHz$	8	-	-	dB
		$f_0-45.8\sim f_0-39.8MHz$	50	-	-	dB
		$f_0+39.8\sim f_0+45.8MHz$	45	-	-	dB
Input/Output Impedance	$Z_I(Z_O)$	-	-	$150\Omega//0pF$	-	-

TEST CIRCUIT

REFERENCE LEVEL TEST CIRCUIT



MEASUREMENT CIRCUIT (SC-45)



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

(SC-44)

