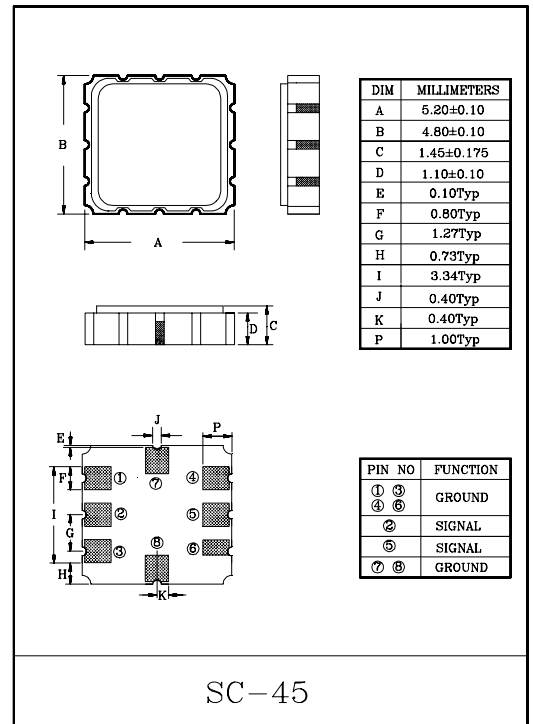


Band pass filters for the receiving RF circuits of transceiver

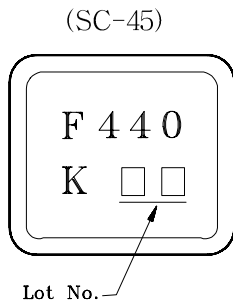
- High stability and reliability with good performance and no adjustment.
- Wide and sharp pass band characteristics.
- Low insertion loss and deep stop band attenuation for interference.
- F-11 Package Type : KF440.

MAXIMUM RATINGS (Ta=25°C)

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



MARKING



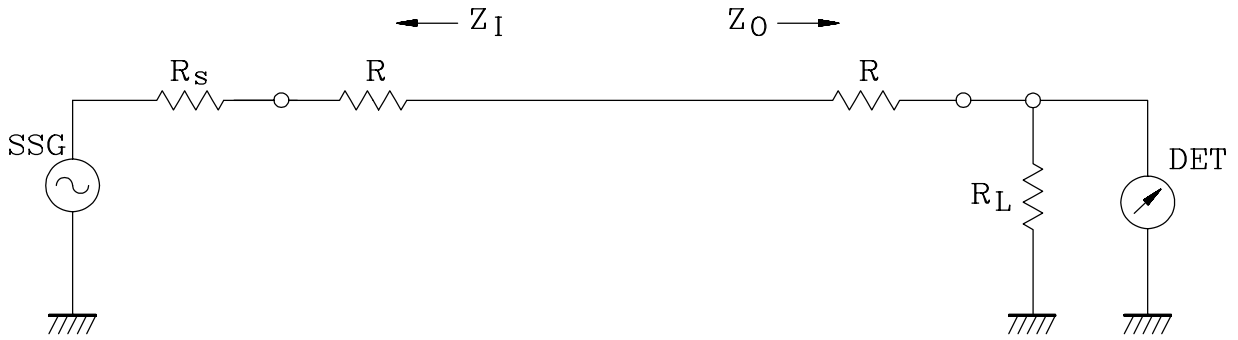
ELECTRICAL CHARACTERISTICS (Temperature 25±2°C, Humidity 65±5%)

ITEMS	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Nominal Center Frequency	f_0	-	-	440	-	MHz
Bandwidth	BW_{3dB}	-	$f_0 \pm 5$	-	-	MHz
Insertion Loss	IL_{PASS}	$f_0 \pm 5MHz$	-	-	4.0	dB
Ripple Level	A_{RIP}	$f_0 \pm 5MHz$	-	-	2.0	dB
Rejection Level	IL_{STOP}	$f_0 - 100 \sim f_0 - 80MHz$	55	-	-	dB
		$f_0 + 80 \sim f_0 + 100MHz$	45	-	-	dB
Input/Output Impedance	$Z_I(Z_O)$	-	-	50Ω//0pF	-	-

KF440S

TEST CIRCUIT

REFERENCE LEVEL TEST CIRCUIT

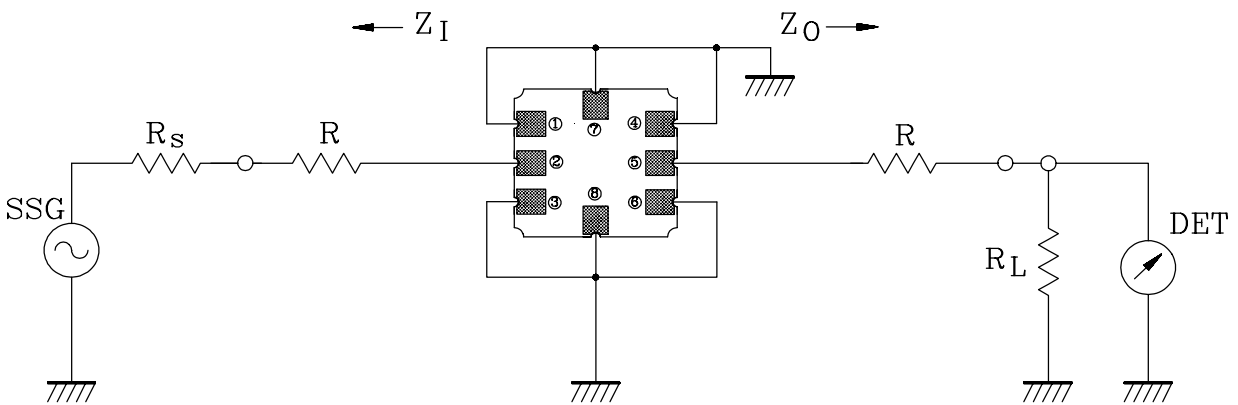


$R_s, R_L : 50\Omega$ (Internal Impedance of Source and Load)

$R : 0\Omega$

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

MEASUREMENT CIRCUIT



2: Input

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

5: Output

KF440S

