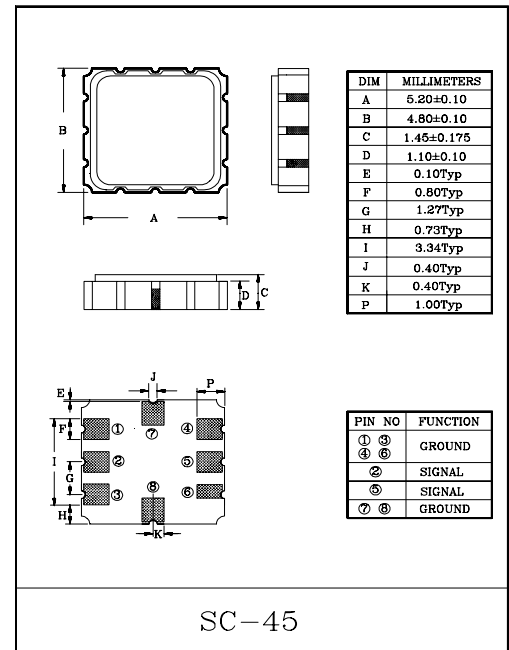
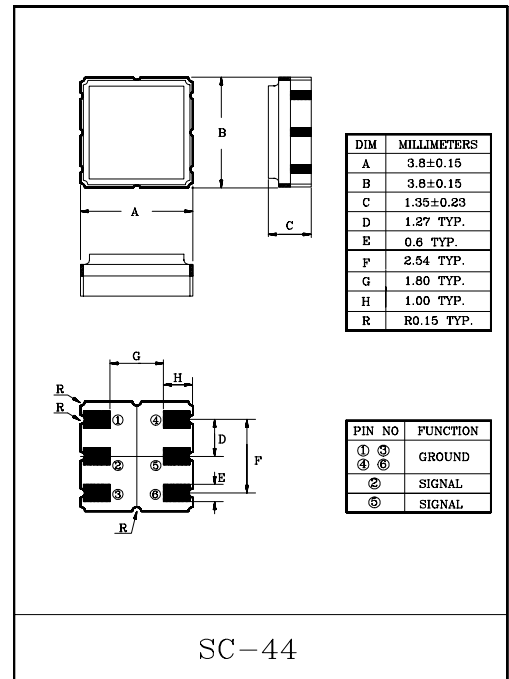


Band pass filters for the receiving RF circuits of transceiver

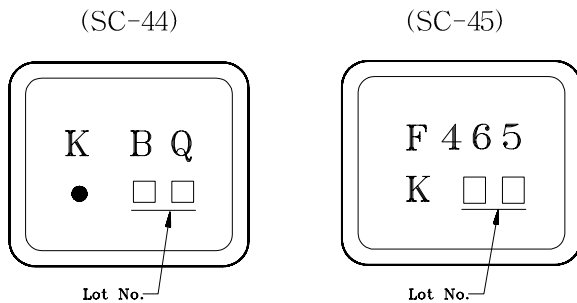
- High stability and reliability with good performance and no adjustment.
- Wide and sharp pass band characteristics.
- Low insertion loss and deep stop band attenuation for interference.
- KF465S : SC-45 Package, KF465V : SC-44 Package.
- F-11(DIP type package) : KF465

MAXIMUM RATINGS (T_a=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} | -20~+60 | °C |
| Storage Temperature Range | T _{stg} | -30~+85 | °C |



Marking



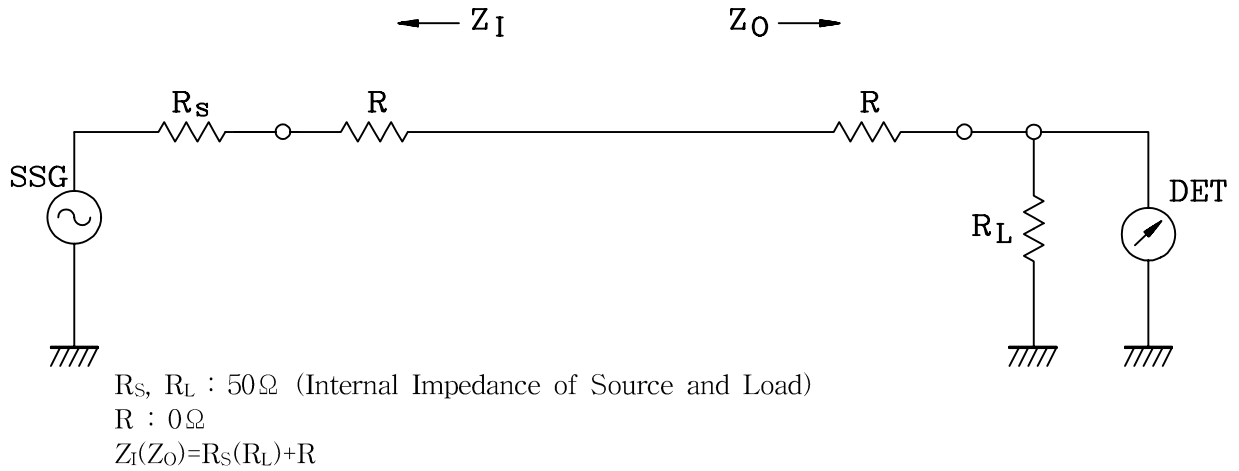
ELECTRICAL CHARACTERISTICS (Temperature 20±2°C, Humidity 65±5%)

| ITEMS | SYMBOL | TEST CONDITION | MIN. | TYP. | MAX. | UNIT |
|--------------------------|----------------------------------|--|---------------------|----------|------|------|
| Nominal Center Frequency | f ₀ | - | - | 465 | - | MHz |
| Bandwidth | BW _{3dB} | - | f ₀ ±3.0 | - | - | MHz |
| Insertion Loss | IL _{PASS} | f ₀ ±3.0MHz | - | - | 4.0 | dB |
| Ripple Level | A _{RIP} | f ₀ ±3.0MHz | - | - | 2.0 | dB |
| Rejection Level | IL _{STOP} | f ₀ -13.7~f ₀ -7.7MHz | 8 | - | - | dB |
| | | f ₀ -45.8~f ₀ -39.8MHz | 50 | - | - | dB |
| | | f ₀ +39.8~f ₀ +45.8MHz | 45 | - | - | dB |
| Input/Output Impedance | Z _I (Z _O) | - | - | 50Ω//0pF | - | - |

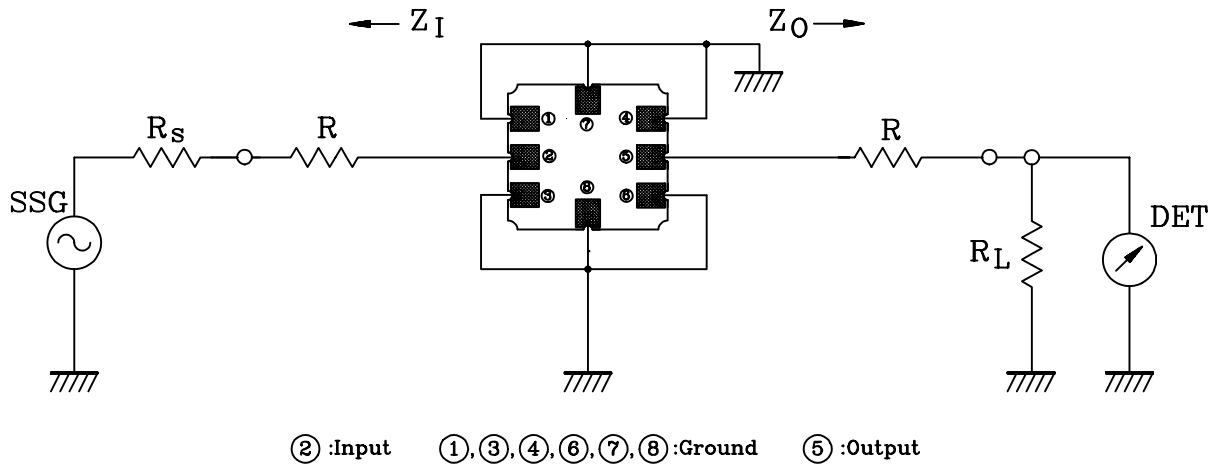
KF465S/V

TEST CIRCUIT

REFERENCE LEVEL TEST CIRCUIT



MEASUREMENT CIRCUIT (SC-45)



(SC-44)

