



2. A description of circuitry to suppress spurious emissions

2-1. SAW FILTER

KEC

KOREA ELECTRONICS CO., LTD.

SAW FILTER TECHNICAL DATA

KF448BS/BV SPECIFICATIONS FOR SAW FILTER

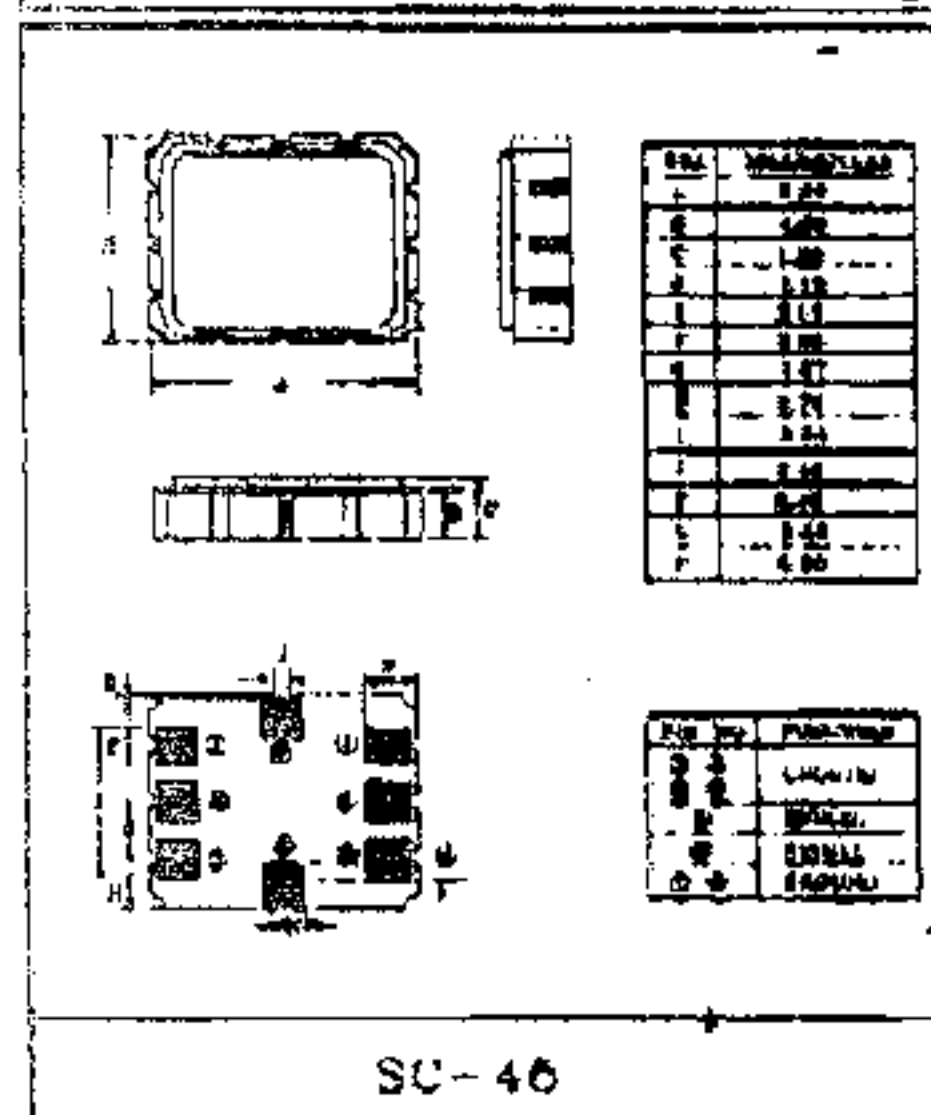
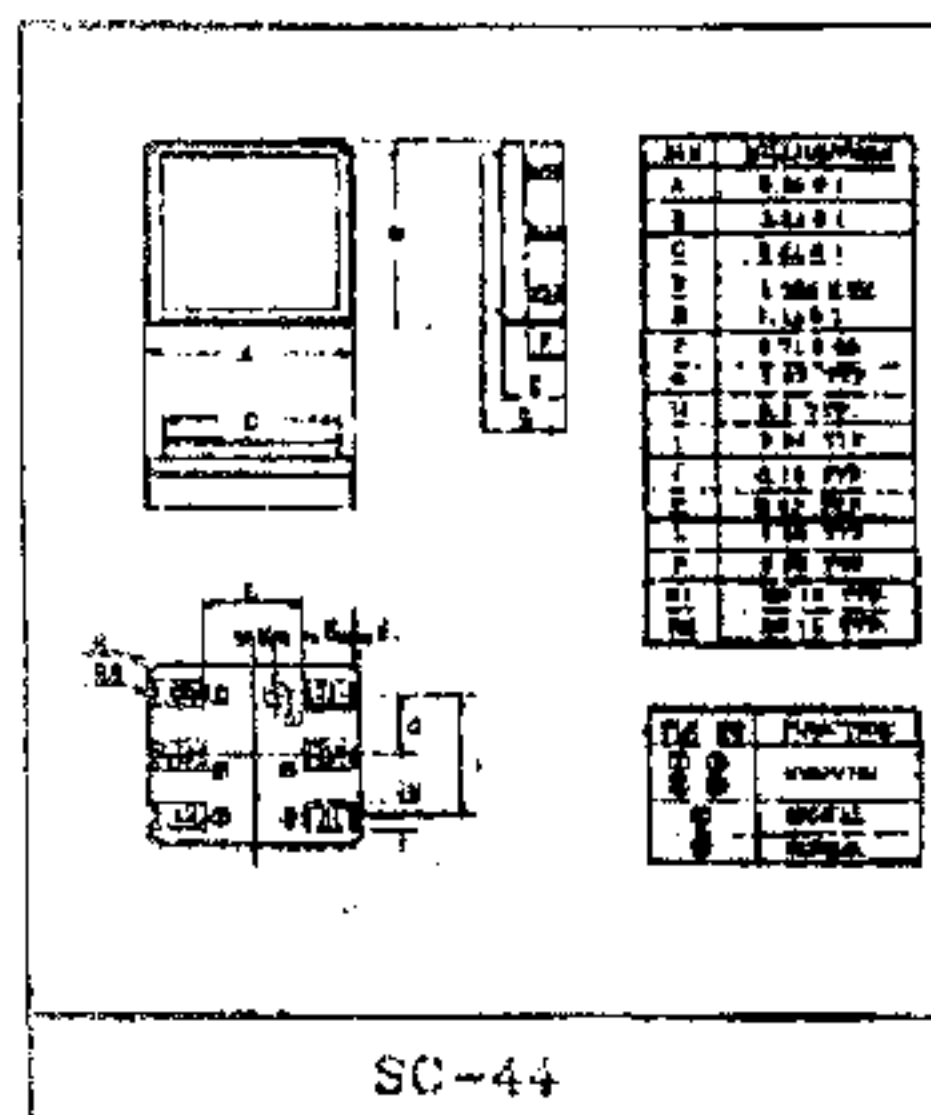
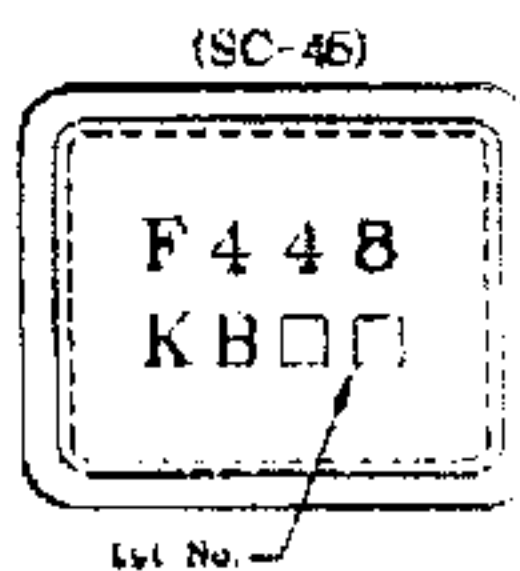
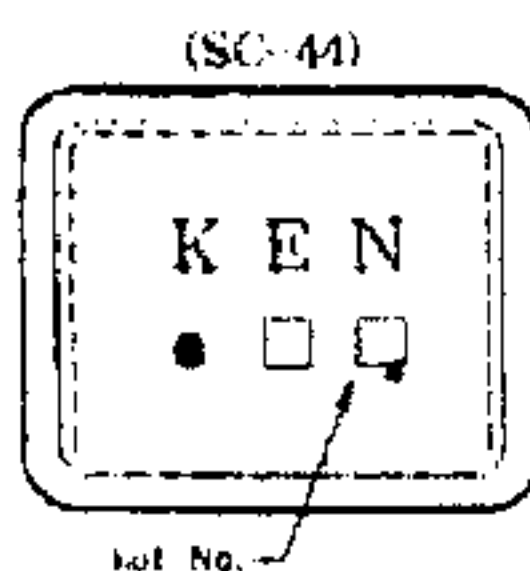
Band pass filters for the receiving RF circuits of transceiver

- 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 : 150Ω//0pF
- KF448BS(SC-45), KF448BV(SC-44)
- DIP(P-11) Package Type : KF448B
- 50Ω//0pF Terminating Impedance Type : KF448AS/BV.

MAXIMUM RATINGS (Ta=25°C)

ITEM	SYMBOL	RATING	UNIT
Input Signal Level	IS _{max}	0	dBm
DC Permissible Voltage	V _{DC}	+10	
Operating Temperature Range	T _{op}	-20~+60	
Storage Temperature Range	T _{stg}	-30~+95	

MARKING



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

ITEMS	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Nominal Center Frequency	f ₀	-	-	448	-	MHz
Bandwidth	BW _{3dB}	-	f ₀ ± 2.0	-	-	MHz
Insertion Loss	IL _{PAS}	f ₀ ± 2.0MHz	-	-	4.0	dB
Ripple Level	A _{rip}	f ₀ ± 2.0MHz	-	-	2.0	dB
Rejection Level	IL _{stop}	f ₀ - 44.8 ~ f ₀ - 0.8MHz	50	-	-	dB
		f ₀ + 40.8 ~ f ₀ + 4.8MHz	45	-	-	dB
Input/Output Impedance	Z(Z ₀)	-	-	150Ω//0pF	-	-