

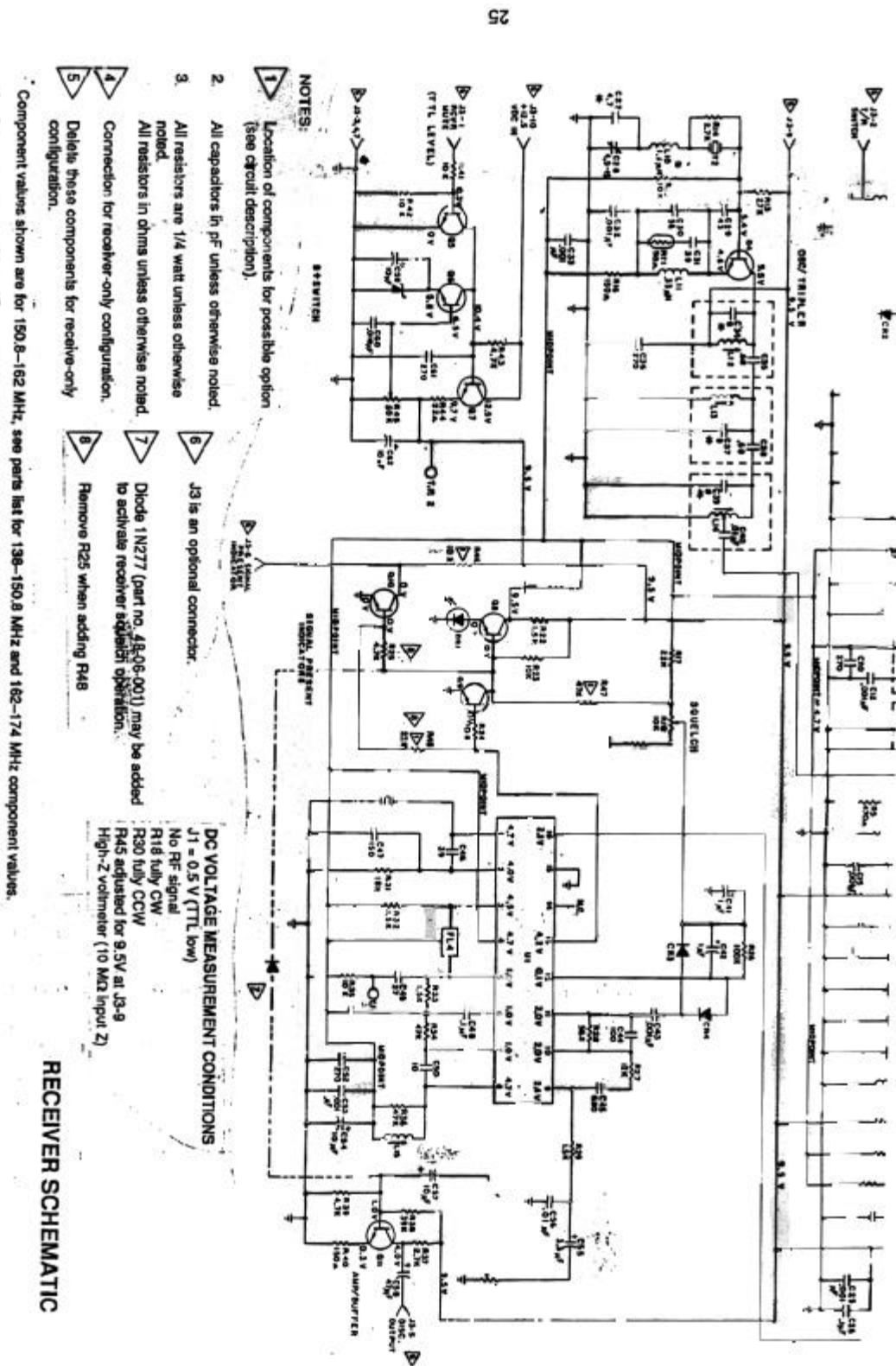
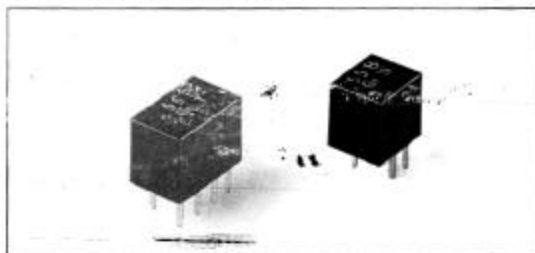


Figure 9 – Schematic

MULTI-ELEMENT, RESIN MOLDED, HIGHLY SELECTIVE CERAMIC FILTERS



CFU/CFW 455 KHz

The CFU 455 line of ceramic filters are 4-element devices connected in ladder form while the CFW 455 line of ceramic filters contain 6-elements. These compact, highly selective filters are recommended for use in applications ranging from two-way radio to auxiliary filters in high class transceivers.

SPECIFICATIONS

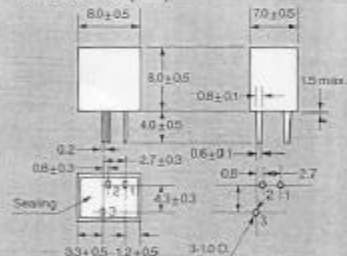
CFU 455 KHz

Part Number	Nominal Center Frequency (KHz)	6dB Bandwidth (KHz) min.	40dB Bandwidth (KHz) max.	Attenuation 455±100 KHz (dB) min.	Insertion Loss (dB) max.	Input/Output Impedance (Ω)
CFU455B2	455±2	±15	±30	27	4	1500
CFU455C2	455±2	±12.5	±24	27	4	1500
CFU455D2	455±1.5	±10	±20	27	4	1500
CFU455E2	455±1.5	±7.5	±15	27	6	1500
CFU455F2	455±1.5	±6	±12.5	27	6	2000
CFU455G2	455±1	±4.5	±10	25	6	2000
CFU455H2	455±1	±3	±9	25	6	2000
CFU455I2	455±1	±2	±7.5	25	6	2000
CFU455HT	455±1	±3	±9	35	6	2000
CFU455IT	455±1	±2	±7.5	35	6	2000

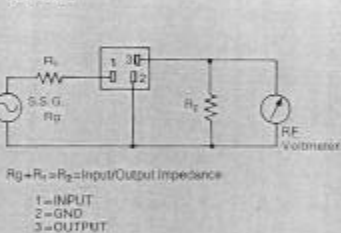
(OLD)
WIDE BAND

(NEW)
NARROW BAND

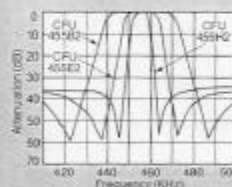
DIMENSIONS (mm)



CIRCUIT



CHARACTERISTICS

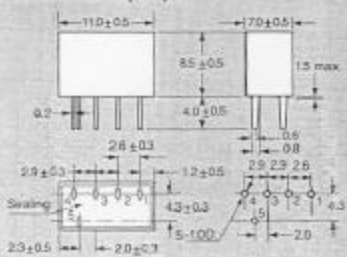


SPECIFICATIONS

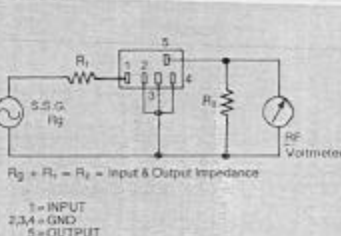
CFW 455 KHz

Part Number	Nominal Center Frequency (KHz)	6dB Bandwidth (KHz) min.	50dB Bandwidth (KHz) max.	Attenuation 455±100 KHz (dB) min.	Insertion Loss (dB) max.	Input/Output Impedance (Ω)
CFW455B	455	±15	±30	35	4	1500
CFW455C	455	±12.5	±24	35	4	1500
CFW455D	455	±10	±20	35	4	1500
CFW455E	455	±7.5	±15	35	6	1500
CFW455F	455	±6	±12.5	35	6	2000
CFW455G	455	±4.5	±10	35	6	2000
CFW455H	455	±3	±9	35	6	2000
CFW455I	455	±2	±7.5	35	7	2000
CFW455HT	455	±3	±9	60	6	2000
CFW455IT	455	±2	±7.5	60	7	2000

DIMENSIONS (mm)



CIRCUIT



CHARACTERISTICS

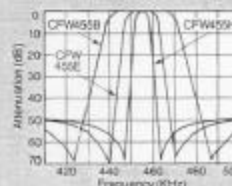


Figure 10 – Murata Specification Sheet