



T-64-29

FLJ-ACO1 Oscillator Adaptor for FLJ-D Series

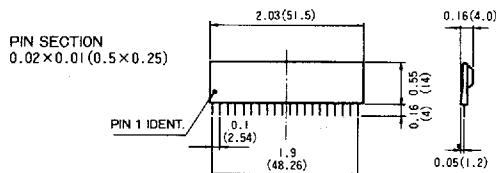
FEATURES

- Output 2.5Vms $\pm 0.5\%$ accuracy
- 500mV ~ 20Vp-p wide amplitude range
- Single inline small package

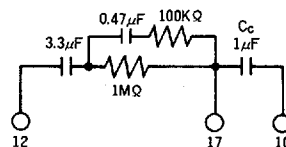
GENERAL DESCRIPTION

FLJ-ACO1 is an accessory used with the FLJ-D1, D2 and DC filters to build a digitally programmable oscillator. The oscillator is controlled with 3 digits of BCD logic input. The setting method, set frequency accuracy and TC depend on the filters which are to be used with this FLJ-ACO1, but the specifications related to output voltage such as output voltage accuracy, stability and amplitude TC are determined by the FLJ-ACO1. The output voltage is trimmed internally to provide 2.5Vrms $\pm 0.5\%$ output.

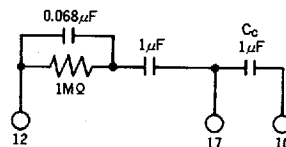
MECHANICAL DIMENSIONS INCHES (mm)



FLJ-D1 FOR LOWER FREQUENCY (Fig. 4)

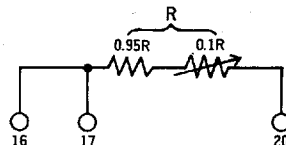


FLJ-DC FOR LOWER FREQUENCY (Fig. 5)



Note: FLJ-D1 or FLJ-DC with 5000pF of Cext for lower than 10Hz oscillation, use one of these circuits.

OUTPUT VOLTAGE ADJUSTMENT (Fig. 6)



PIN CONNECTIONS

PIN	FUNCTION	PIN	FUNCTION
1	Rq	11	OUTPUT PROTECTION
2	LOOP OUTPUT	12	COMPENSATION 1
3	GND	13	SUB (-90°) OUTPUT
4	+15V Supply	14	COMPENSATION 3
5	-15V Supply	15	MAIN OUTPUT
6	NC	16	-Vref IN
7	NC	17	COMPENSATION 2
8	NC	18	OUTPUT RANGE 1
9	NC	19	OUTPUT RANGE 2
10	Cext	20	-Vref OUT

DO NOT CONNECT NC PINS
PIN 14 SHOULD BE LEFT OPEN NORMALLY.

