

FUJITSU MEDIA DEVICES

F077DPL

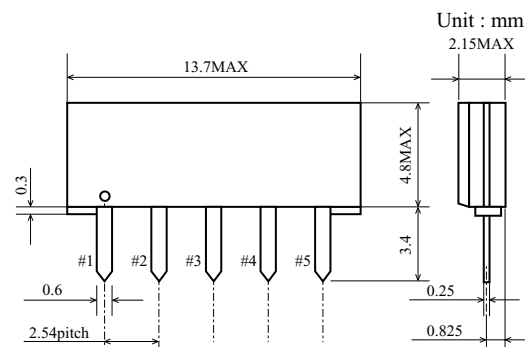
○APPLICATIONTV-IF FILTER
 ○SYSTEMB/G,D/K,I,L/L'
 ○CARRIER FREQUENCY33.9/38.9 MHz

ELECTRICAL CHARACTERISTICS

Ta = 25°C

Parameters	Conditions	Min.	Typical	Max.	Unit
Insertion Loss	36.50 MHz	14.0	15.5	17.0	dB
Relative level	30.90 MHz	—	-50	-45	dB
	31.00 MHz	—	-51	-45	dB
	33.40 MHz	—	-23	-20	dB
	33.90 MHz	-8.1	-7.1	-6.1	dB
	36.50 MHz	—	0(Ref.)	—	dB
	38.90 MHz	-7.0	-6.0	-5.0	dB
	40.15 MHz	—	-56	-40	dB
	40.40 MHz	—	-50	-43	dB
	40.90 MHz	—	-49	-42	dB
	41.10 MHz	—	-50	-43	dB
	25.00 to 31.90 MHz	—	-48	-42	dB
	40.40 to 45.00 MHz	—	-45	-38	dB
Group delay ripple	33.90 to 38.90 MHz	—	15	—	ns
Capacitance	Ci (1 MHz)	—	16.5	—	pF
	Co (1 MHz)	—	6.3	—	pF
Temperature coefficient			-72		ppm/°C

PACKAGE DIMENSION

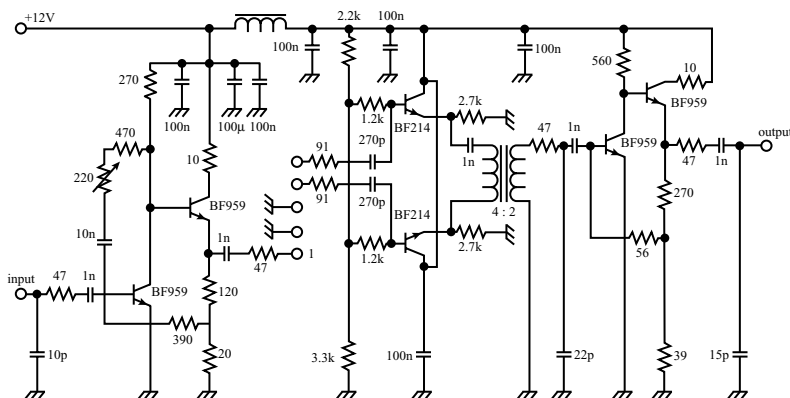


PIN CONNECTIONS

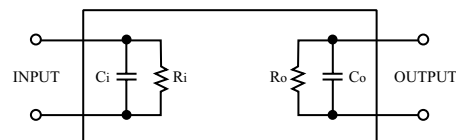
Pin No.

- #1. INPUT
- #2. INPUT (GROUND)
- #3. GROUND
- #4. OUTPUT
- #5. OUTPUT

MEASUREMENT CIRCUIT



EQUIVALENT CIRCUIT



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FREQUENCY CHARACTERISTICS

