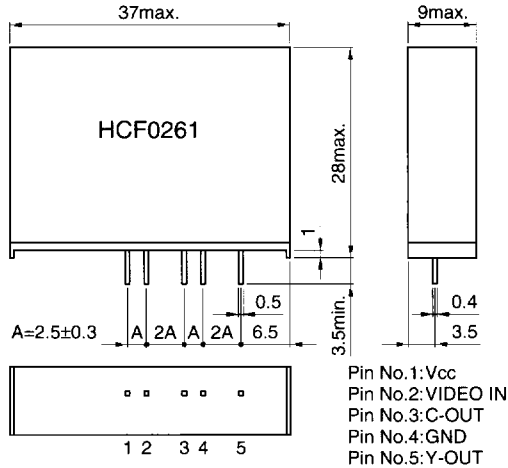


Other circuit modules
Hybrid circuits

COMB FILTERS

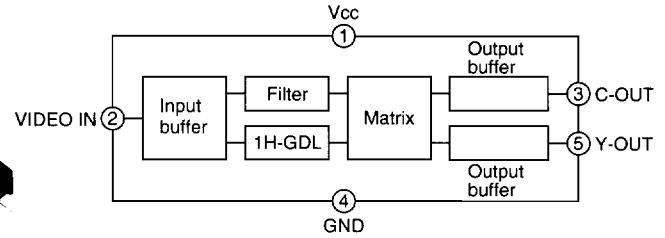
Y/C separation in NTSC
HCF series

SHAPES AND DIMENSIONS



Dimensions in mm

BLOCK DIAGRAMS



RATINGS

Power supply voltage Edc	9±0.5V
Operating temperature range	0 to +60°C
Storage temperature range	-20 to +80°C

ELECTRICAL CHARACTERISTICS

HCF0081

Output	Item	[MHz]	Minimum	Typical	Maximum
Y-OUT	Output level (dB)	0.100000	-0.7	-0.2	+0.3
		3.571678	-1.5	-0.5	+0.5
		4.500000	-1.5	-0.5	+0.5
	Comb attenuation (dB)	3.0760485	13	18	
		3.579545	26	40	
		4.0830415	14	18	
2T pulse response (%)				1.5	2.5
	Spurious noise (dB)		-30	-38	
	Input/output direct voltage deviation (V)		-0.5	0	+0.5
C-OUT	Output level (dB)	3.579545	-0.5	-0.5	+0.5
	Comb attenuation (dB)	3.571678	-20	-35	
	Consumption current (mA)				40

- Operating temperature: 25±5°C
- The 0dB reference is set at 0.1MHz

HCF0261

Output	Item	[MHz]	Minimum	Typical	Maximum
Y-OUT	Output level (dB)	0.100000	-0.7	-0.2	+0.3
		3.571678	-1.7	-0.2	+1.3
		4.500000	-3	+1	—
	Comb attenuation (dB)	3.0760485	7	10	
		3.579545	26	40	
		4.0830415	11	15	
2T pulse response (%)				1.5	3
	Spurious noise (dB)		-30	-38	
	Input/output direct voltage deviation (V)		-0.5	0	+0.5
C-OUT	Output level (dB)	3.579545	-1.5	0	+1.5
	Comb attenuation (dB)	3.571678	-1.5	-30	
	Consumption current (mA)				65

- Operating temperature: 25±5°C
- The 0dB reference is set at 0.1MHz

