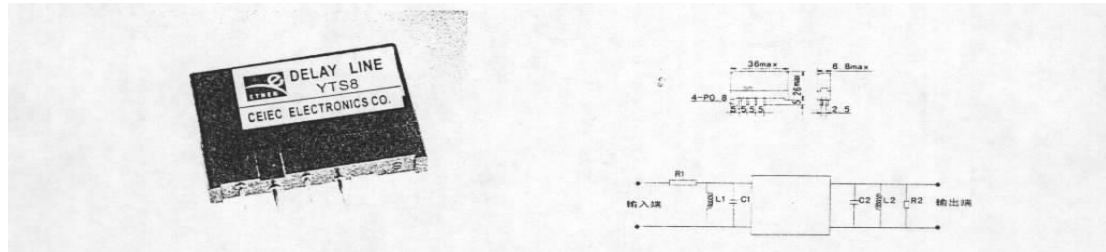


Glass Delay Line

The glass delay line that our company designated is used in decoding, color reproduction and outline compensation of color TV, VTR, pickup-camera with PLA, NTSC, SECAM systems.



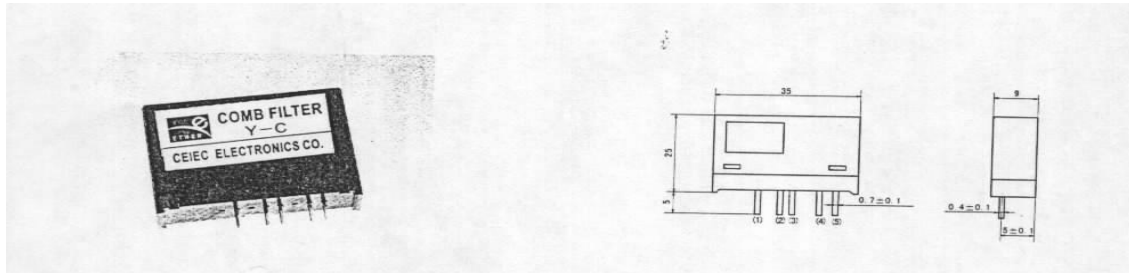
Main Technical Characteristics:

		YTS8A	YTS8B	YTS8C	YTS8D	YTM8	YTN8	YTNC
Use		PAL/SECAMTV				PAL-M	PAL-N	VTR-NTSC
Center frequency(MHz)		4.433619	4.433619	4.433619	4.433619	3.575611	3.582056	3.579545
Delay time(μ s)		63.943 \pm 0.005	63.943 \pm 0.005	63.943 \pm 0.005	63.943 \pm 0.005	63.485 \pm 0.005	63.929 \pm 0.005	63.556 \pm 0.005
Insertion loss(dB)		9 \pm 3	9 \pm 3	9 \pm 3	9 \pm 3	9 \pm 3	9 \pm 3	9 \pm 3
Bandwidth at-3dB(MHz)		3.43-5.23	3.43-5.23	3.43-5.23	3.43-5.23	2.86-4.28	2.86-4.28	2.86-4.28
Unwanted reflection(Db)	3 τ	>28	>28	>28	>28	>28	>28	>28
	other	>26	>26	>26	>26	>26	>26	>26
Insulation resistance(M Ω)		>1	>1	>1	>1	>1	>1	>1
Matching inductance	L1	5.6	8.2	6.2	10.5	18	15	15
	L2	8.5	8.2	10	9.7	18	15	15
Matching capacitance(μ H)	C1	-----	-----	-----	20	-----	-----	-----
	C2	-----	-----	-----	30	-----	-----	-----
Matching resistance(Ω)		390	390	390	560	560	560	560
Max insert voltage(V)		15	15	15	15	15	15	15

NTSC Comb Filter

This specification applies to the comb filter which is used in color TV set and other color TV equipment.

The comb filter is used in YC separation of NTSC picture signal of TV set with many kinds much function and big screen.

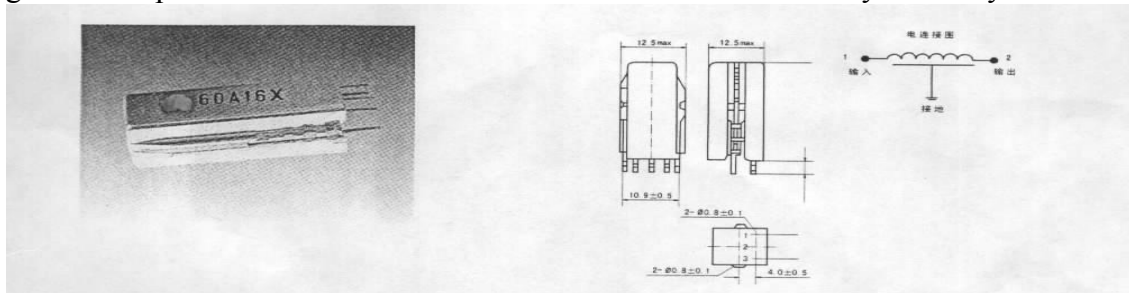


Main characteristics:

Technical performance		Test terminal(s)
Working voltage	12V	1
Nominal frequency	3.579545 MHz	3.5
AC Gain (100KHz)	0±1dB	3.5
Loss of Brightness on		
3.579545MHz	≥25 dB	5
3.076057 MHz	≥15 dB	5
4.083033 MHz	≥15 dB	5
Loss of Chroma on		
3.571678 MHz	≥20dB	3
Pulse Response	≤3%	5
Unwanted Reflection		
3	≥28 dB	3.5
2	≥28 dB	3.5
Cut-off Frequency	≥10 MHz	5

Luminance Delay Line

This specification applies to the luminance delay line which is used for color television set and other color TV equipment. If you have special demand, we may give other specification or electrical characteristics luminance delay line for you.



Main Characteristics:

	45A16X	30A18X	30F15	25K16X	40F15
Delay Time	0.45±10% μ S	0.30±10% μ S	0.30±10% μ S	0.25±7% μ S	0.40±10% μ S
Characteristics Impedance	1.60±10%K Ω	1.80±10%K Ω	1.50±10%K Ω	1.60±10%K Ω	1.50±10%K Ω
Absorbing Attenuation	4.43MHz ≥ 20dB	4.43MHz ≥ 23dB		4.43MHz ≥ 25dB	
Frequency Response	≤3dB(0-3.5 MHz)	≤6dB(0.1-3.8 MHz) ≥9 dB(0.1-4.0 MHz)	≤3dB(0.1-3.5 MHz)	3.5 MHz ≤ 6 dB 2.8 MHz ≤ 9 dB	≥3.5 MHz(3dB) ≥5.0 MHz(5dB)
Rise time	<0.25 μ S	<0.15 μ S	<0.22 μ S	<0.25 μ S	<0.22 μ S
Preshoot	≤10%	3.5%±2.0%	≤10%	≤4%	≤10%
DC Resistance			≤45 Ω	≤60 Ω	≤45 Ω
Insertion Loss	≤1.0dB	≤0.5 dB	≤1.0 dB	≤1.0 dB	≤1.0 dB
Standing wave ratio		≤1.5(0.1-3.8 MHz)	≤1.7(0.1-3.7 MHz)	≤1.5	≤1.7(0-5 MHz)
Insulation resistance	≥100M Ω	≥100M Ω	≥200M Ω	≥100M Ω	≥200M Ω
Allowable voltage	100V _{DC} 1min				
Allowable voltage	300V _{DC} 1min				