

Liquid Crystal Displays

U-06
Viewfinder

features:

DSTN colour

0.7 inch size

Runs from NTSC composite video signal

0.022 x 0.048 mm dot pitch

80 ms response time

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[Panel Block] - 006

TABLE 1

Item	Specifications
Display Mode	Double super twisted nematic panel with color filter
Dot Structure	648 (W) × 220 (H) 142,560 Dots
Effective View Area	0.7" [14.246 (W) × 10.55mm (H)]
Panel Size	310 mm (W) × 23.8 mm (H)
Dot Size	0.012 mm (W) × 0.038 mm (H)
Dot Pitch	0.022 mm (W) × 0.048 mm (H)
Duty	1/120 Duty multiplexing drive
Contrast Ratio	20 Typical
Response Time (25°C)	80 msec (Average)

[Module]

CHROMA Control Block

TABLE 2

Item	Specifications
Input Video Signal	NTSC Composite Video Signal 1Vpp (at 75 ohm)
Supply Voltage	5.5V ± 0.2V
Current Consumption	100mA

Light Block

TABLE 3

Item	Specifications
Supply Voltage	5.7 V + 0.2V - 0.5
Current Consumption	200 mA

[Connector Layout]

Fig 1

1	GND	_____
2	+5.5V	_____
3	Video In	_____
4	Video GND	_____
5	No Connect	_____
6	No Connect	_____
7	+5.7V	_____

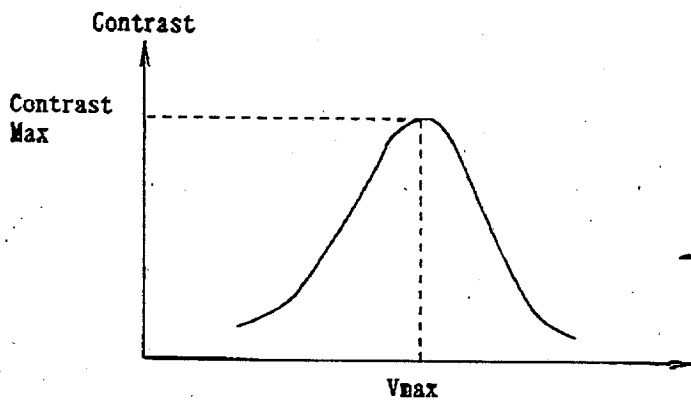
[Panel Specification]

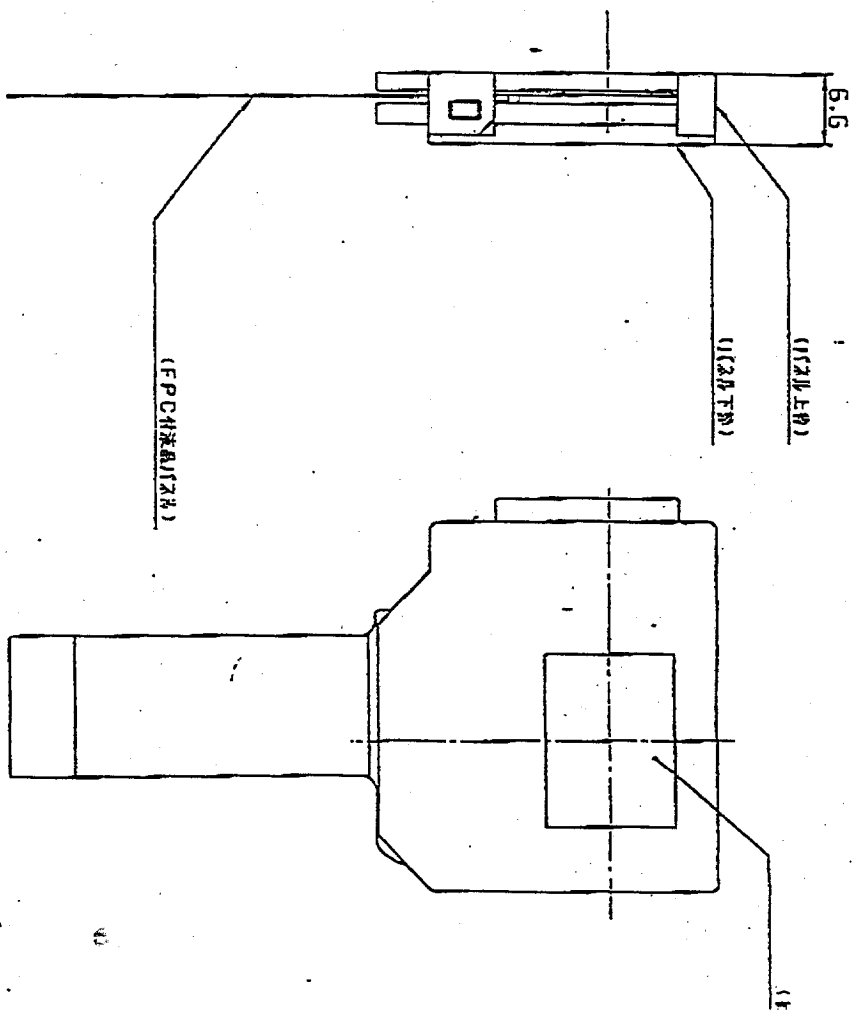
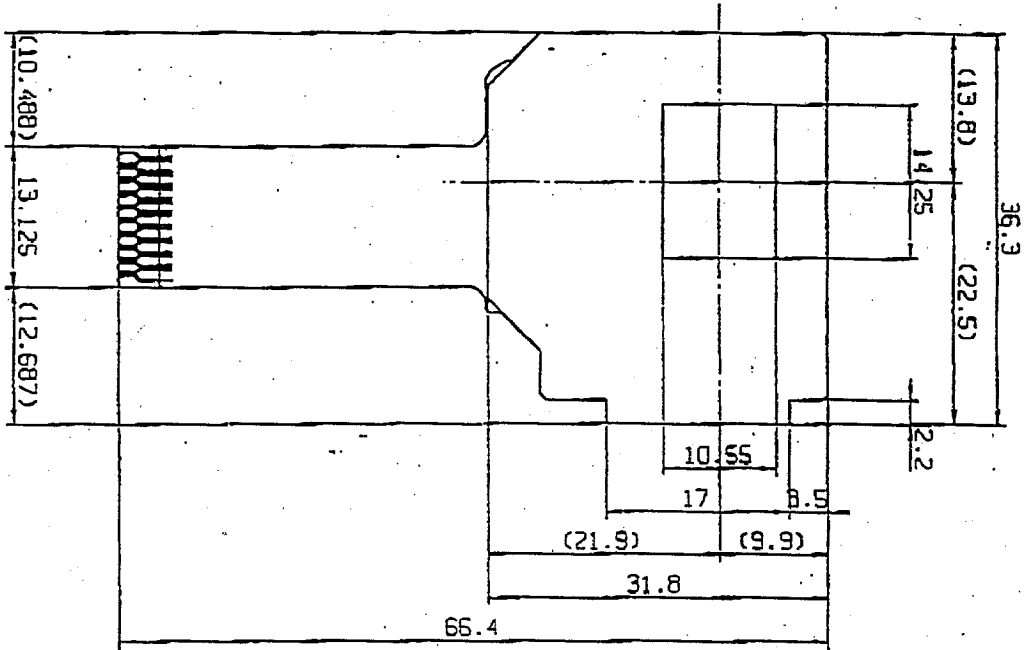
TABLE 4

Parameter		Symbol	Remark	Specifications			
				Min	Typ	Max	Unit
Horizontal Resolution					220		TV Line
Vertical Resolution					220		TV Line
Contrast Ratio (25°C)					20		
Color Value	R	X	Xr	V= Vmax	0.51		
		Y	Yr		0.31		
	G	X	Xg		0.29		
		Y	Yg		0.52		
	B	X	Xb		0.17		
		Y	Yb		0.13		

* Note 1 Vmax is defined in Fig 2

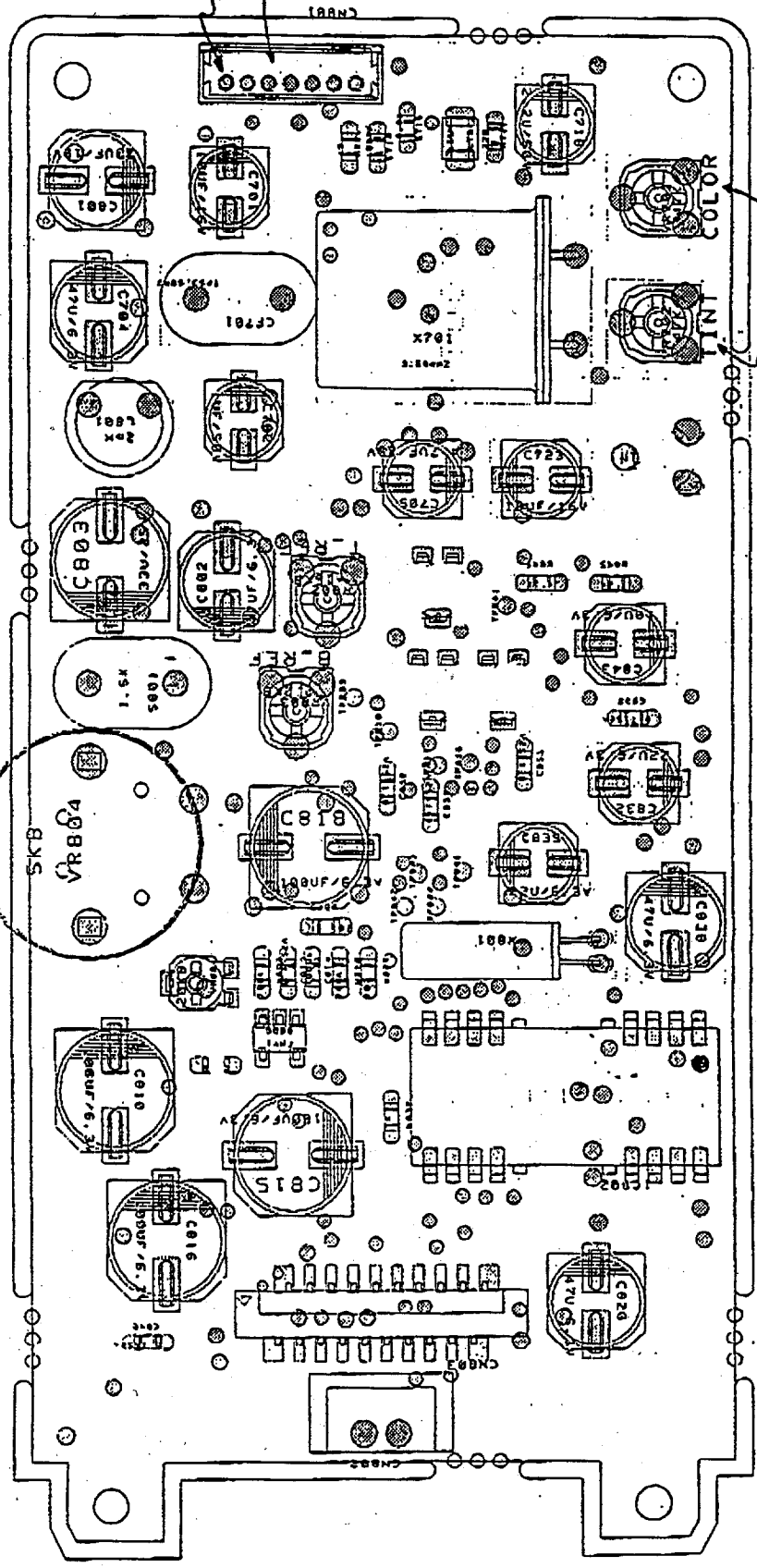
Fig 2





Bright Volume

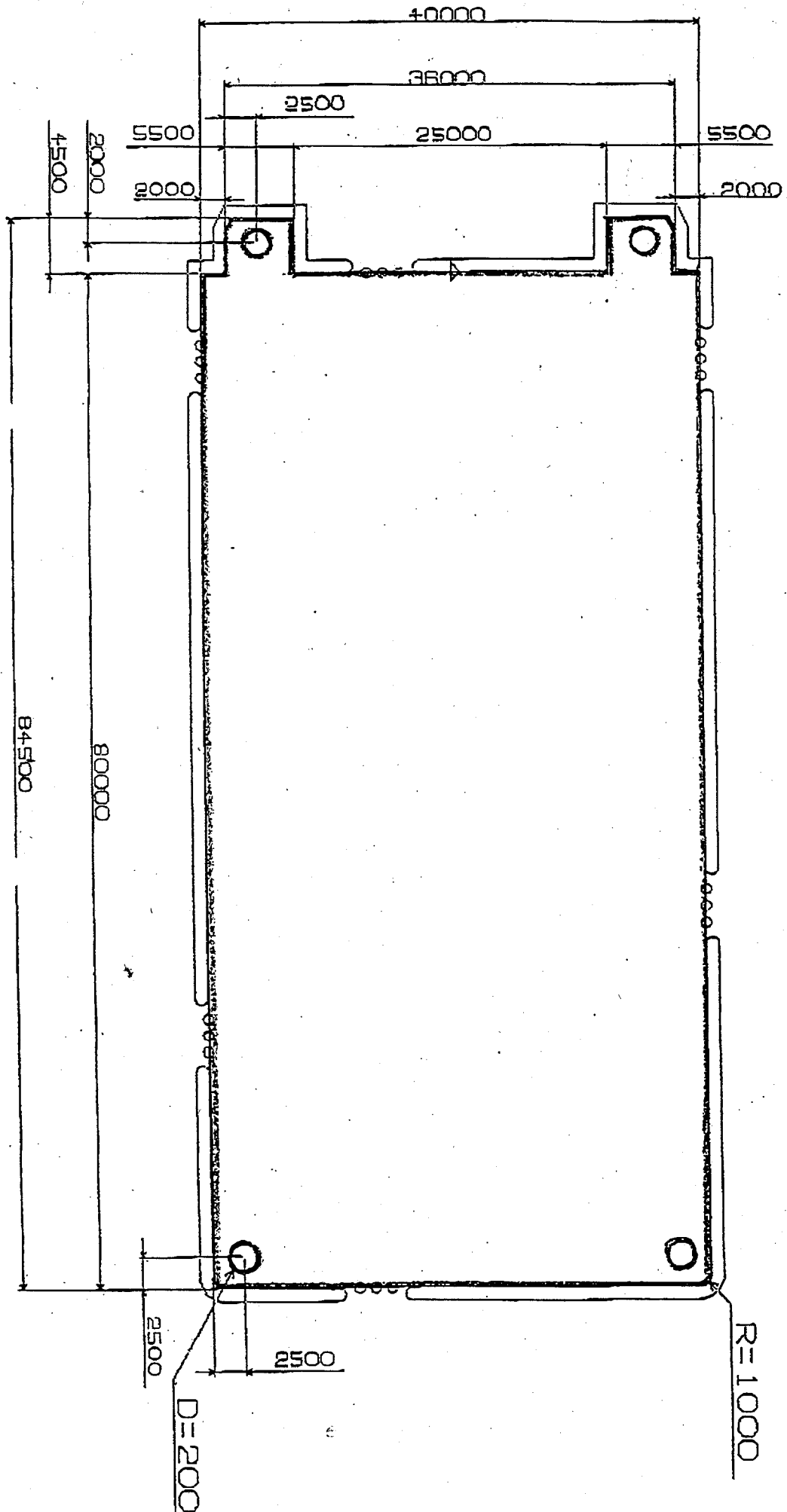
Pin No 1
Connector



Tint
Color

CHROMA CONTROL BLOCK

PCB-1



LIGHT BLOCK PCB-2

