



User's Guide

C-28-0605

VFD

(Vacuum Fluorescent Character Display Module)

For product support, contact

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Vacuum Fluorescent Display Specification

PART NUMBER: C-28-0605

FEATURES: 7 Digits, Seven Segmented, with Icons – DVD









APPLICATION: Character Display (7-Seg)

RATINGS: Below

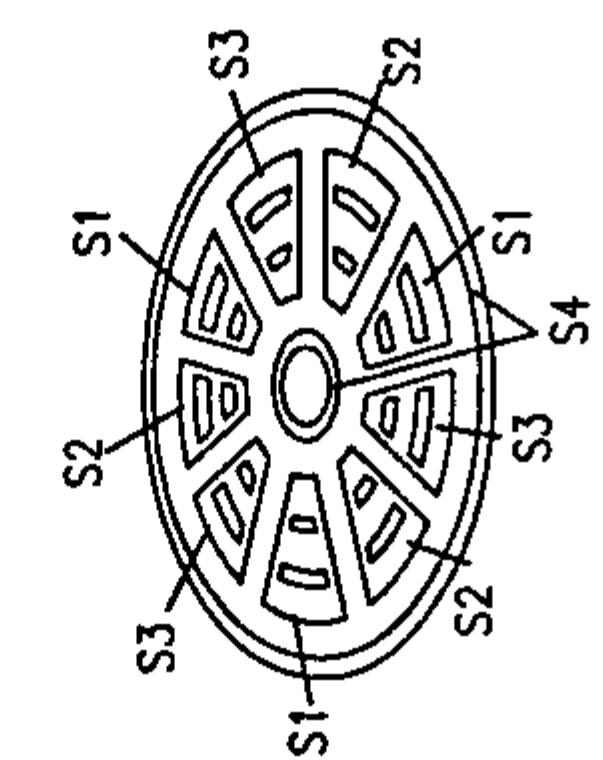
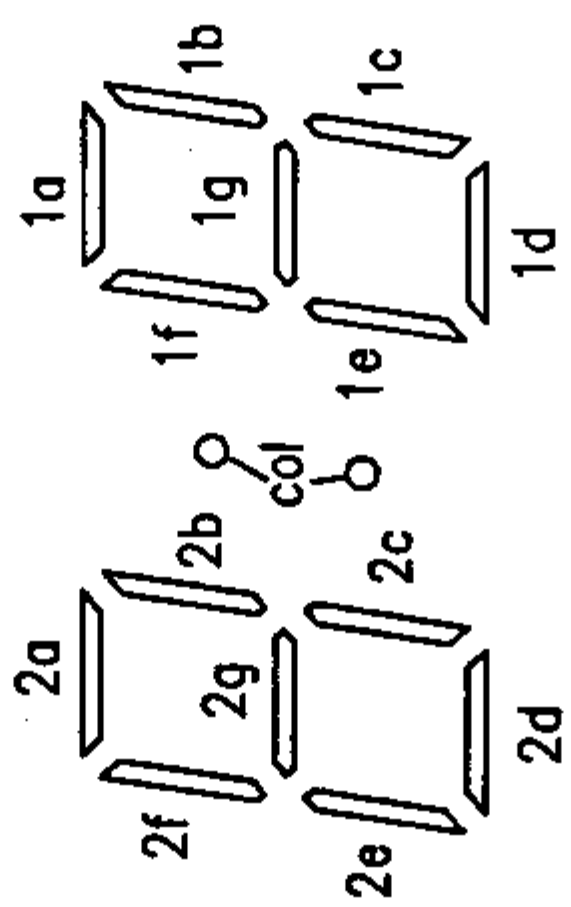
Outer Dimensions	Panel Length	P.L.	100.0	mm	
	Panel Height	P.H.	28.0	mm	
	Panel Thickness	P.T.	8.5	mm	
Leads	Lead Pitch	L.P.	2.54	Mm	
	Lead Out	-	SIL		
Character Size	Character Height	C.H.	Multi	mm	
	Character Width	C.W.	Multi	mm	
Item	Symbol	Min.	Recommended	Max.	Unit
Filament Voltage	Ef	3.2	3.5	3.9	Vac
Peak Grid Voltage	Ec	-	25.0	28.0	Vp-p
Peak Anode Voltage	Eb	-	25.0	28.0	Vp-p
Cut-off Bias	Ek	-	-	-	-
Duty Cycle	Du	-	1/9	-	-
Pulse Width	Tp	-	100	-	uS
Operating Temperature	Topr	-20	-	+ 70	C
Storage Temperature	Tstg	-55	-	+ 80	C
Color of Illumination	Green / Red / Yellow				

Electrical Characteristics

Item	Symbol	Test Condition	Min.	Typical	Max.	Unit
Filament Current	If -	Ef = 3.5 Vac eb = ec = 0	112.5 -	125.0 -	137.5 -	mAac -
Anode Current	ib/1,2,3,4G	Ef = 3.5 Vac eb = 25.0 Vp-p ec = 25.0 Vp-p Du = 1/9 tp = 100 uS	-	8.0	16.0	mA _{p-p}
	ib/5,6G		-	10.0	20.0	mA _{p-p}
	-		-	-	-	mA _{p-p}
	-		-	-	-	mA _{p-p}
	-		-	-	-	mA _{p-p}
Grid Current	ic/1,2,3,4G		-	8.5	17.0	mA _{p-p}
	ic/5,6G		-	11.0	22.0	mA _{p-p}
	-		-	-	-	mA _{p-p}
	-		-	-	-	mA _{p-p}
	-		-	-	-	mA _{p-p}
Luminance	L(G)		350 (102)	700 (204)	-	cd/m ² (fL)
	L(R)		35 (10)	70 (20)		cd/m ² (fL)
	L(Y)		60 (17)	120 (34)		cd/m ² (fL)
Luminance Ratio	Lmin/Lmax		50	-	-	%
Grid Cut-off Voltage	Ecco	Ef = 3.5 Vac Eb = 25.0 Vdc	-4.5	-	-	Vdc
Anode Cut-off Voltage	Ebco	Ef = 3.5 Vac ec = 25.0 Vp-p Du = 1/9 tp = 100 uS	-4.5	-	-	Vdc

 MP3 PBC CHAPTER SVCD TRACK DVD-A TITLE	CHANNEL 	DIGITAL 	REMAIN 	 ANGLE REPEAT   L/R	PROGRAM RANNDOM ALL A - B Su Mo Tu  Th Fr Sa
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6G 5G 4G 3G 2G 1G



CHAPTER, TRACK, TITLE, 5G



	6G	5G	4G	3G	2G	1G
P1	CHAPTER	CHANNEL	col	col	L	
P2	TRACK	/	<input type="checkbox"/> DIGITAL	REMAIN	/	PROGRAM
P3	<input type="checkbox"/> MS	1a	1a	1a	R	RANDOM
P4	MP3	1b	1b	1b	<input type="radio"/> G	A-
P5	S1	1c	1c	1c	REPEAT	ALL
P6	S3	1d	1d	1d	PM	
P7	S2	1e	1e	1e	AM	Su
P8		1f	1f	1f	<input type="checkbox"/> REC	B
P9	S4	1g	1g	1g	ANGLE	
P10	PBC	2a	2a	2a	d	Mo
P11	CD	2b	2b	2b	b	Tu
P12	DVD	2c	2c	2c	c	Th
P13	TITLE	2d	2d	2d	d	Sa
P14	-A	2e	2e	2e	e	Fr
P15	V	2f	2f	2f	f	P
P16	S	2g	2g	2g	g	Wa