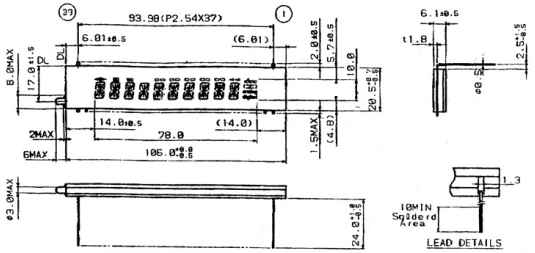
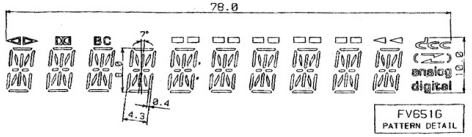
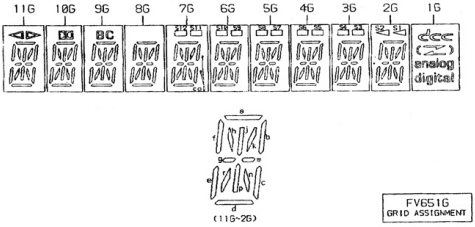
Floureszenz-Anzeige FV651G

Best.Nr. 120120







MECHANISCH /MECHANICAL

DIMENSIONS : 106X20.5X6.1
VIEWING AREA: 10X78

OPTICAL CHARACTERISTICS

LUMINOUS COLOUR : GREEN (GX = 0.235, Y = 0.405)

ELETRISCH/ELECTRICAL

FILAMENT VOLTAGE : Ef 3.7 V AC
ANODE VOLTAGE : Eb 32 Vp-p
GRID VOLTAGE : Ec 32 Vp-p
DUTY FACTOR : Du 1/13.75

ANODE CONNECTION

	11G	10G	9G	8G	7G	6G	5G	4G	3G	2G	1G
P1	▷	⊠	ⓒ	–	S11	S9	S7	S5	S3	S1	–
P2	◁	–	Ⓑ	–	S12	S10	S8	S6	S4	S2	–
P3	a	a	a	a	a	a	a	a	a	a	–
P4	b	b	b	b	b	b	b	b	b	b	–
P5	f	f	f	f	f	f	f	f	f	f	–
P6	k	k	k	k	k	k	k	k	k	k	–
P7	j	j	j	j	j	j	j	j	j	j	–
P8	h	h	h	h	h	h	h	h	h	h	–
P9	m	m	m	m	m	m	m	m	m	m	–
P10	g	g	g	g	g	g	g	g	g	g	–
P11	n	n	n	n	n	n	n	n	n	n	⊂⊂
P12	p	p	p	p	p	p	p	p	p	p	⇨
P13	r	r	r	r	r	r	r	r	r	r	◁
P14	c	c	c	c	c	c	c	c	c	c	(
P15	e	e	e	e	e	e	e	e	e	e	)
P16	d	d	d	d	d	d	d	d	d	d	analog
P17	-	–	–	–	co	–	–	–	–	–	digital

Type No. EY65IG

Features GRIDE = 17 ANODE
Color of Illumination Graan (G. x=0.235, y=0.405)

Outer Dimension	Panel Length	P.L.	106.0	mm
	Panel Heigth	P.H.	20,5	mm
	Panel Thickness	P.T.	6,1	mm
Lead	Lead Pitch	L.P.	2,54	mm
	Lead Out		SIL	

Ratings

Item	Symbol	Min.	Recommended	Max.	Unit
Filament Voltage	*1 Ef	3.33	3.7	4.07	Vac
Peak Grid Voltage	ec	–	32	38	Vp-p
	eb(G)	–	32	38	Vp-p
Peak Anode Voltag	eb ( )	–			Vp-p
(At following Du)	eb ( )	–			Vp-p
	eb ( )	–			Vp-p
Cut-off Bias	Ek	–	4.6	–	Vdc
DutyFactor	Du		1/13,75		–
Pulse Width	tp		80		μs
Diffusion Grid Voltage	Ecd	–		–	Vdc
Filament damper Voltage	Ecd	–		—	Vdc
Operating Temperature	Topr	–20	–	+70	°C
Temperature	Tstg	-55	–	+80	°C

Electrical Characteristics

Item	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Filament Current	Ef = 2,7 Vac eb = ec = 0	If	90	100	110	mA
Anode Current		ib/				
	Ef = 3,7 Vac	2G-11G	–	6,5	13	mA
	ec = 3z Vp-p	ib/ 1G	–	10	20	mA
	eb(G) = 32 Vp-p	ib/	–			mA
	eb( ) = Vp-p	ib/	–			mA
	eb( ) = Vp-p	ib/	–			mA
	eb( ) = Vp-p	ib/	–			mA
Grid Current		ic/				
	•(Ek = 4,6 Vdc)	ZG-11G	–	7,5	15	mA
	tp = 80 μs	ic/ G	–	9,0	18	mA
	tblank = 20 μs	ic/	–			mA
	Du = 1/13,75	ic/	–			mA
Diffusionn Grid Current	Ecd = Vdc	Icd	–	–		mA
Lumminance	Rd = kΩ		350	700	–	cd/m²
		L (G)	(102)	(204)	(–)	(fL)
	E_{FD} = Vdc				–	cd/m²
		L ( )	( )	( )	(–)	(fL)
	R_{FD} = kΩ				–	cd/m²
		L ( )	( )	( )	(–)	(fL)
Luminance Ratio between Digits		L max / L min	–	–	2	
Grid Cut-Off Voltage	Ef = 3,7 Vac Eb = 32 Vdc Ec = vary	Ecco	(– 4.6)	–	–	Vdc
Anode Cut-Off Voltage	Ef = 3,7 Vac Du = 1/3.75 tp = 80 μs sc = 32 Vp-p Eb = vary	Ebco	(– 4.6)	–	–	Vdc