PHILIPS

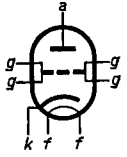
EC 80

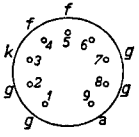
U.H.F. grounded-grid TRIODE (up to 500 Mc/s)
TRIODE U.H.F. à grille à la terre (jusqu'à 500 Mc/s)
UHF-GITTERBASISTRIODE (bis 500 MHz)

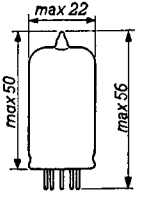
Heating : indirect by A.C. or D.C. parallel supply
Chauffage: indirect par C.A. ou C.C. alimentation- parallèle
Heizung : indirekt durch Wechsel- oder Gleichstrom Parallelspeisung

V_f = 6,3 V
I_f = 0,48 A

Dimensions in mm
Dimensions en mm
Abmessungen in mm







Base, culot, Sockel: Noval

Capacitances
Capacités
Kapazitäten

$C_{(g+6)(k+f)}$	= 5,1 pF[1]	$C_{a(k+f)}$	<0,08 pF
$C_{(g+f+6)k}$	= 9,3 pF[1]	$C_{a(g+6)}$	= 3,4 pF[1]
C_{ak}	<0,075 pF	$C_{a(g+f+6)}$	= 3,4 pF[1]
		C_{kf}	< 8 pF

Typical characteristics
Caractéristiques types
Kenndaten

V_a	= 250 V
V_g	=-1,5 V
I_a	= 15 mA
S	= 12 mA/V
μ	= 80

Limiting values
Caractéristiques limites
Kenndaten

V_{a_o}	= max. 550 V
V_a	= max. 300 V
W_a	= max. 4 W
I_k	= max. 15 mA
V_g (I_g =+0,3 µA)	= max. -1,3 V
R_{kf}	= max. 20 kΩ
V_{kf}	= max. 100 V
R_g	= max. 0,3 MΩ

[1])6= pin 6; 6= broche 6; 6= Stifte 6

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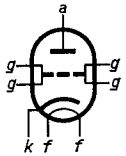
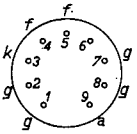
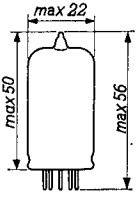
V_f = 6,3 V
I_f = 0,43 A

Dimensions in mm
Dimensions en mm
Abmessungen in mm







Base, culot, Sockel: Noval

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Capacités	$C_{(g+f+6)k}$ = 9,3 pF[1]	$C_{a(g+6)}$	= 3,4 pF[1]
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		C_{kf}	< 8 pF

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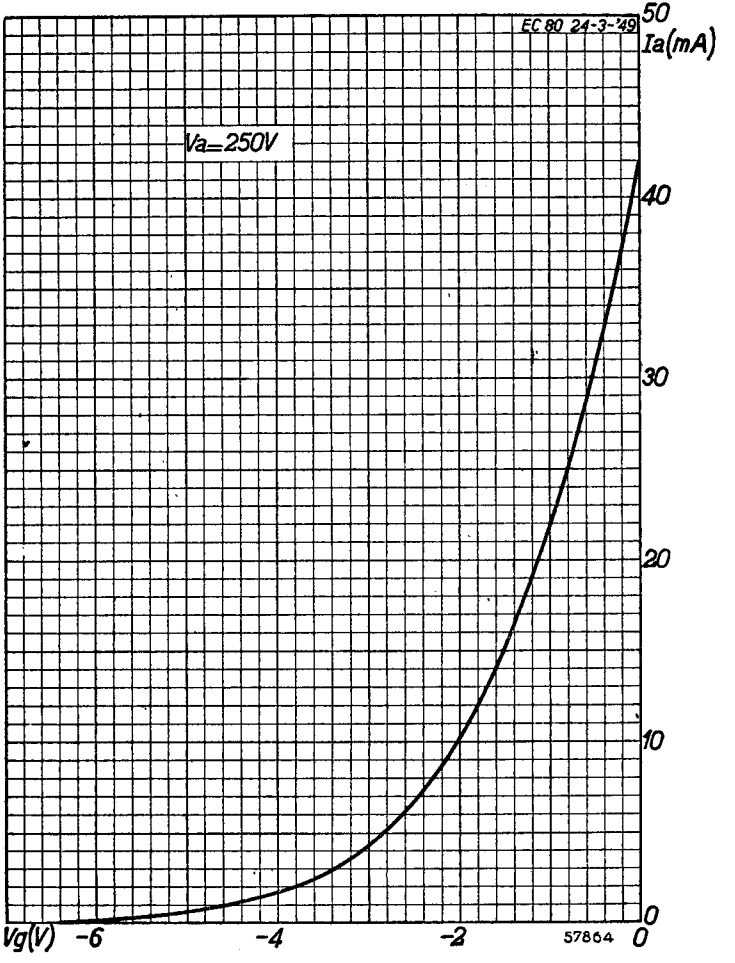

A

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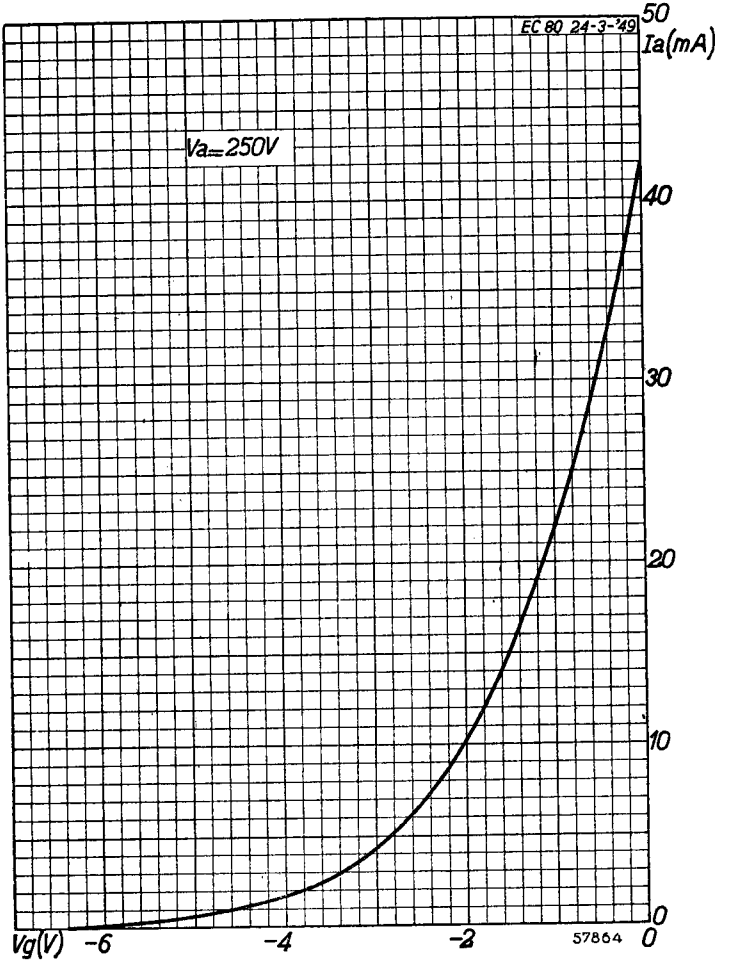

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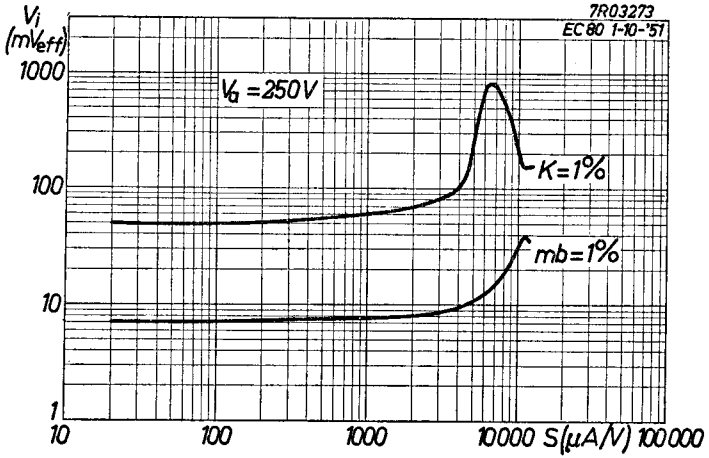
11.11.1953


7R03273
EC80 1-10-'51
V_i (mV_{eff})
1000
100
10
1
V_a = 250 V
K = 1%
mb = 1%
10
100
1000
10000 S(μA/V) 100000

PHILIPS

Electronic Tube

HANDBOOK

EC80

page	sheet	date
1	1	1955.02.02
2	1	1959.09.09
3	A	1955.02.02
4	A	1959.09.09
5	B	1953.11.11
6	C	1953.11.11
7	FP	1999.06.20