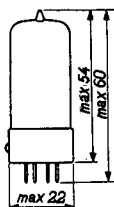
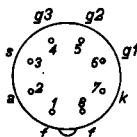
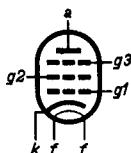


R.F. PENTODE for use as wide-band amplifier  
 PENTHODE H.F. pour utilisation en amplificatrice à large bande  
 H.F. PENTODE zur Verwendung als Breitbandverstärker

Heating: indirect by A.C. or D.C.; parallel supply  
 Chauffage: indirect par C.A. ou C.C.; alimentation en parallèle  $V_f = 6,3$  V  
 Heizung: indirekt durch Wechsel- oder Gleichstrom; Parallelspeisung  $I_f = 0,33$  A

Dimensions in mm  
 Dimensions en mm  
 Abmessungen in mm



Base, culot, Sockel: RIMLOCK

Capacitances  
 Capacités  
 Kapazitäten

$C_a = 4,3$  pF  
 $C_{g1} = 8,5$  pF  
 $C_{ag1} < 0,006$  pF  
 $C_{g1f} < 0,2$  pF

Typical characteristics  
 Caractéristiques types  
 Kenndaten

$V_a = 250$  V  
 $V_{g3} = 0$  V  
 $V_{g2} = 250$  V  
 $V_{g1} = -2$  V  
 $I_a = 10$  mA  
 $I_{g2} = 2,4$  mA  
 $S = 9$  mA/V  
 $\mu_{g2g1} = 83$   
 $R_1 = 0,5$  M $\Omega$   
 $R_{eq} = 840$   $\Omega$

Operating characteristics  
 Caractéristiques d'utilisation  
 Betriebsdaten

$V_a$	=	250 V
$V_{g3}$	=	0 V
$V_{g2}$	=	250 V
$I_a$	=	10 mA
$f$	=	100 Mc/s
Bandwidth		
Largeur de bande	=	0,8 Mc/s
Bandbreite		
$G$	=	1100

Limiting values  
 Caractéristiques limites  
 Grenzdaten

$V_{a0}$	= max.	550 V
$V_a$	= max.	300 V
$W_a$	= max.	3,5 W
$V_{g20}$	= max.	550 V
$V_{g2}$	= max.	300 V
$W_{g2}$	= max.	0,7 W
$I_k$	= max.	25 mA
$-V_{g1}$	= max.	100 V
$V_{g1}$ ( $I_{g1}=+0,3\mu A$ )	= max.	-1,3 V
$R_{g1}$	= max.	1 $M\Omega$ <sup>1)</sup>
$V_{kf}$	= max.	100 V
$R_{kf}$	= max.	20 k $\Omega$

<sup>1)</sup> With automatic grid bias  
 A polarisation négative automatique  
 Mit automatischer negativer Gittervorspannung

**PHILIPS**



*Electronic  
Tube*

**HANDBOOK**

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3	FP	1999.06.28