

## LINE OUTPUT PENTODE

Output pentode intended for colour TV line deflection circuits.

| QUICK REFERENCE DATA |          |          |    |
|----------------------|----------|----------|----|
| Anode peak voltage   | $V_{ap}$ | 7000     | V  |
| Cathode current      | $I_k$    | max. 500 | mA |
| Anode dissipation    | $W_a$    | max. 25  | W  |

### LIMITING VALUES (Design centre rating system)

|                                                   |                |         |   |
|---------------------------------------------------|----------------|---------|---|
| Anode dissipation                                 | $W_a$          | max. 25 | W |
| Anode + grid No. 2 dissipation (triode connected) | $W_a + W_{g2}$ | max. 26 | W |

(Design max. rating system) <sup>1)</sup>

|                                                   |                |         |   |
|---------------------------------------------------|----------------|---------|---|
| Anode dissipation                                 | $W_a$          | max. 34 | W |
| Anode + grid No. 2 dissipation (triode connected) | $W_a + W_{g2}$ | max. 35 | W |

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 For further data and curves of this type  
 please refer to type PL 509  
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<sup>1)</sup> The design maximum limits should not be exceeded with a nominal tube under the worst probable operating conditions at a normal picture width.

# PHILIPS

Data handbook



Electronic  
components  
and materials

PL505

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date

1969.01

1999.03.19