

ELECTRONIC TUBE REFERENCE

GPE175M

Specialized - Thyatron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
THYRATRON

Gas-filled trigger tube for rapid switching and coupling between Dekatron or other electronic counting stages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	— / —	PARALLEL HEATER	— / —
HEATING	Indirect; cold cathode	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Thyatron	
MAINTAINING VOLTAGE	135 V
Published cold-cathode ratings and characteristics promoted where applicable.	

Cold-cathode gas-filled trigger tube for switching, counting, and logic applications.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

196X Ericsson Telephones Ltd

Published test conditions and operating points. Values on this page are preserved as reported by this source.

196X ERICSSON TELEPHONES LTD

Section 1 · Thyatron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Running voltage	135 V	Published datasheet value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum self-ignition-safe anode voltage	310 V	Published datasheet value
Minimum trigger breakdown voltage	183 V	Published datasheet value
Maximum non-breakdown trigger voltage	173 V	Published datasheet value
Maximum trigger-to-anode voltage	200 V	Published datasheet value

TUBE TINKER

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