ELECTRONIC TUBE REFERENCE

# 3V561E

Specialized - Thyratron electronic tube

CONSOLIDATED TECHNICAL DATA
**1 SECTION**
CONSTRUCTION
**THYRATRON**

Directly heated hot-cathode mercury-vapor thyratron documented as an electrical replacement for obsolete 4079GA, intended for controlled high-voltage switching and rectifier service.

## General characteristics

| | | | |
|---|---|---|---|
| BASE DESIGNATION | – | BASE PINS | – |
| NOMINAL HEATER | 5 V / 40 A | PARALLEL HEATER | – / – |
| HEATING | Direct | SERIES OPERATION | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar |

## Section ratings

| SECTION1 Thyratron | |
|---|---|
| MAXIMUM CATHODE CURRENT | 15 A |
| PEAK INVERSE VOLTAGE | 20000 V |
| PEAK FORWARD CURRENT | 40 A |

*Published ratings and characteristics promoted where applicable; additional published data retained as parameters.*

Directly heated hot-cathode mercury-vapour thyratron, stated to be equivalent to and to replace the obsolete 4079GA.

SOURCE OPERATING CONDITIONS

SOURCE PDF

# 1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

## Section 1 · Thyratron

### OTHER

| PARAMETER | PUBLISHED VALUE | CONDITION / NOTE |
|---|---|---|
| Maximum peak inverse voltage | **20000 V** | — |
| Maximum peak anode current | **40 A** | — |

Tube Tinker

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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