



## ELECTRONIC TUBE REFERENCE

## CV1127

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

## 1 SECTION

CONSTRUCTION

## TRIODE

British CV cross-designation of the 3B401J double-disc-seal UHF power triode. Its low-inductance construction and 40 W plate-dissipation rating suit compact high-frequency transmitting and RF power circuits.

## GENERAL CHARACTERISTICS

|                     |                   |                      |               |
|---------------------|-------------------|----------------------|---------------|
| BASE DESIGNATION    | —                 | BASE PINS            | —             |
| NOMINAL HEATER      | 6.3 V / 2 A       | PARALLEL HEATER      | — / —         |
| HEATING             | Direct            | SERIES OPERATION     | Not specified |
| CATHODE ARRANGEMENT | Separate cathodes | SECTION CONSTRUCTION | Similar       |

## SECTION RATINGS

|                                                                                       |               |
|---------------------------------------------------------------------------------------|---------------|
| SECTION 1 Triode                                                                      |               |
| PLATE RESISTANCE                                                                      | 2000 $\Omega$ |
| MAXIMUM PLATE VOLTAGE                                                                 | 1000 V        |
| MAXIMUM PLATE DISSIPATION                                                             | 40 W          |
| MAXIMUM CATHODE CURRENT                                                               | 100 mA        |
| <i>Published triode ratings/characteristics promoted from the approved datasheet.</i> |               |

CV1127 printed cross-designation/replacement designation for 3B401J. Double-disc-seal UHF power triode.

## SOURCE OPERATING CONDITIONS

# 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 · Triode

| OTHER                      |                 |                                    |
|----------------------------|-----------------|------------------------------------|
| PARAMETER                  | PUBLISHED VALUE | CONDITION / NOTE                   |
| Anode-grid capacitance     | <b>4 pF</b>     | Direct inter-electrode capacitance |
| Anode-filament capacitance | <b>0.2 pF</b>   | Direct inter-electrode capacitance |
| Grid-filament capacitance  | <b>5 pF</b>     | Direct inter-electrode capacitance |