

ELECTRONIC TUBE REFERENCE

81421

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PHOTOCONDUCTIVEDETECTOR

Cadmium-sulfide photoconductive cell designed for visible-light sensing and industrial relay or control applications.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1	PhotoconductiveDetector
No fixed ratings recorded.	
Photoconductive light-sensitive element.	

Cadmium-sulfide photoconductive cell with high visible-light sensitivity; mounting form PushPin.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1965 Sylvania Electronic Tubes Vol3

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

1965 SYLVANIA ELECTRONIC TUBES VOL3

Section 1 · PhotoconductiveDetector

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Breakdown voltage ²	400 V	Breakdown voltage ² 400 VAC
Ambient Temperature Range	70 C	Ambient Temperature Range -40 to +70 OC