

ELECTRONIC TUBE REFERENCE

QVA39

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PHOTOEMISSIVEDETECTOR

Quartz-envelope vacuum photocell with Type-QA response peaking near 370 nm for ultraviolet and near-ultraviolet measurement.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 PhotoemissiveDetector	
MAXIMUM PLATE VOLTAGE	50 V
Published ratings and characteristics promoted from the approved datasheet.	

Quartz-envelope vacuum photocell with Type QA spectral response and maximum response near 3700 Å.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

196X Cintel

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

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Section 1 · PhotoemissiveDetector

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Inter-electrode capacitance	8 pF	Published datasheet value
Maximum average cathode current	1 uA	Published datasheet value
Maximum peak cathode current	4 uA	Published datasheet value

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Operating voltage minimum	30 V	Published datasheet value
Operating voltage maximum	50 V	Published datasheet value
Minimum sensitivity	20 uA/lumen	Published datasheet value

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