

ELECTRONIC TUBE REFERENCE

PES0

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PHOTOEMISSIVEDETECTOR

Photoemissive phototube designed for light measurement, relay, or industrial photoelectric detection.

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
No fixed ratings recorded.
Explicit legacy/alternate designation printed on PE50 datasheet.

Miniature gas-filled photo-cell with a caesium-oxygen-silver cathode, maximum sensitivity in the red and infrared region.

SOURCE OPERATING CONDITIONS

1961 Associated Electrical Industries

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

1961 ASSOCIATED ELECTRICAL INDUSTRIES

Section 1 · PhotoemissiveDetector

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum gas amplification factor	10	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum working voltage	90 V	—
Maximum average cathode current	2.5 uA	30s
Maximum peak cathode current	8 uA	—

TUBE TINKER

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

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