

ELECTRONIC TUBE REFERENCE

PES5

Specialized - Photo Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PHOTOEMISSIVEDETECTOR

Gas-filled caesium-oxygen-silver photoelectric cell optimized for red and infrared light 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 PE55 datasheet.

Gas-filled photo-electric cell with a caesium-oxygen-silver cathode and rectangular wire anode, maximum sensitivity in the red and infrared regions.

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	9	—
Average overall sensitivity	90 uA/lumen	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum average cathode current	6 uA	—
Maximum peak cathode current	20 uA	—

TUBE TINKER

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and their source documents.

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