

N.E.P.

NEW ENGLAND PHOTOCONDUCTOR

SERIES - AM, BM, CM, FM

HERMETICALLY SEALED PLATE CELL

PbS

Electrical

Type - Rm, Temp 25°C

D* (Pk., 750, 1) x 10¹⁰

Wavelength Cut-off Microns

Time Constant μ Secs.

Resistance Megohms

Mechanical Code

AM

4-7

3.0

≤ 100

.2-2.0

1-10

BM

5-10

3.2

100-300

.2-2.0

1-10

CM

5-10

2.6

≥ 300

.2-10

1-10

PbSe

Type - Rm, Temp. 25°C

D* (Pk., 1000, 1) x 10⁹

Wavelength Cut-off

Resistance Megohms

Time Constant μ Secs.

Mechanical Code

FM

1-3

4.7

.1-2

1-5

2, 4, 6-10

**Code
Number**

1

2

3

4

5

6

7

8

9

10

Mechanical

**Active Area
Inches²**

.005 x .005

.010 x .010

.020 x .020

.040 x .040

.060 x .060

.080 x .080

.120 x .120

.160 x .160

.200 x .200

.400 x .400

MM²

.125 TO-5

.25 TO-5

.5 TO-5

1 TO-5

1.5 TO-5

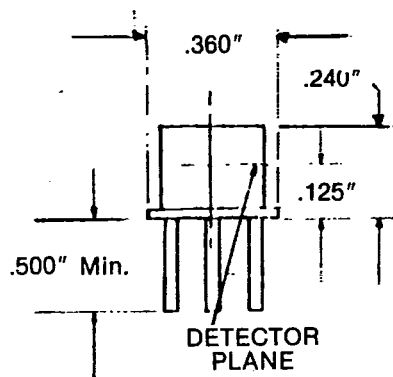
2 TO-5

3 TO-5

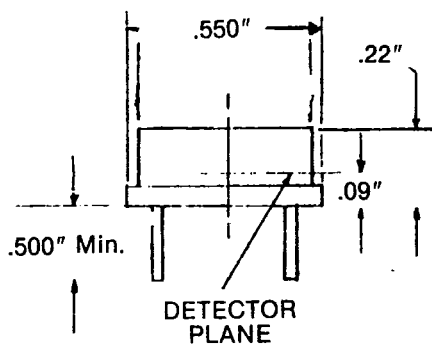
4 TO-8

5 TO-8

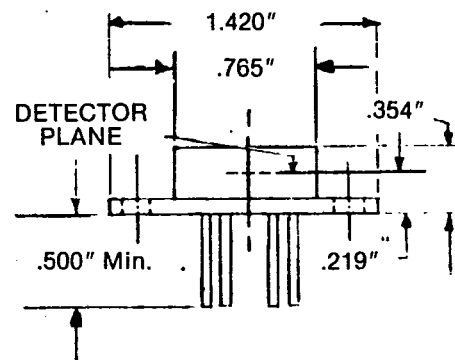
10 TO-3



TO-5 PLATE CELL



TO-8 PLATE CELL



TO-3 PLATE CELL

HOW TO ORDER:

Select the proper electrical type (AM, BM, CM, or FM) and match it with the proper mechanical code number. Example: AM1, BM4, FM4. The active areas listed above are considered standard sizes. Special sizes are available on request.

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