





## SPECIFICATIONS

PHYSICAL CHARACTERISTICS for single plate:

|                                |          |
|--------------------------------|----------|
| DIAMETER .....                 | 33 mm    |
| ACTIVE DIAMETER .....          | 25 mm    |
| THICKNESS .....                | 0.317 mm |
| FLATNESS .....                 | <±.015mm |
| PORE SIZE .....                | 5 μm     |
| CENTER-TO-CENTER SPACING ..... | 5.8 μm   |
| BIAS ANGLE .....               | 12°      |
| L/D RATIO .....                | 56:1     |
| OPEN AREA RATIO .....          | 58%      |

ELECTRICAL CHARACTERISTICS for matched set:

|                          |  |
|--------------------------|--|
| GAIN @ 2400 VOLTS .....  | 8 x 10 <sup>7</sup>                              |
| RESISTANCE .....         | 75 MΩ  |
| PULSE WIDTH .....        | 1 ns, depending upon<br>..... detector impedance |
| MAXIMUM COUNT RATE ..... | 10 MHz   |
| DARK COUNT RATE .....    | *5 counts/sec./cm <sup>2</sup> @ 2.0kV           |
| PULSE HEIGHT RATIO ..... | 70-100%  |

*\* measurement based on a chevron pair*

Export of this product is regulated by the U.S. Dept. of State in accordance with guidelines of "International Traffic in Arms Regulations (ITAR)" per Title 22, Code of Federal Regulations, Parts 120-130. Approved for Unlimited Public Release per 02-S-0323

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