

F-08-17
T-65-13**DEXTER RESEARCH CENTER, INC.**

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NEW RELEASE

DUAL ELEMENT

THERMOPILE DETECTOR - MODEL DR34

Geometry 3.16 mm x 0.4 mm with
a 1.8 mm center to
center spacing between
elements

TYPICAL SPECIFICATIONS PER ELEMENT

Number of Junctions 40
D* (500 K, DC) $> 2 \times 10^8 \text{ cm}\sqrt{\text{HZ}}/\text{W}$
Responsivity 25 volts/watt
Resistance 7.5K ohms
Time Constant 28 msec.
Package TO-5 can. Argon
filled with KBr
window.*

*Other window materials are available on request.