

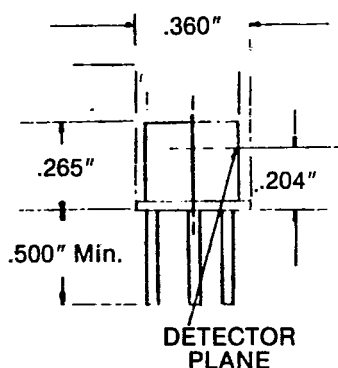
N.E.P.

NEW ENGLAND PHOTOCONDUCTOR

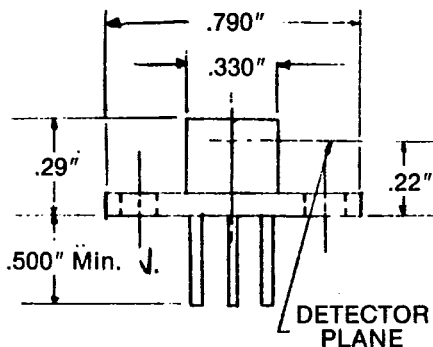
SERIES - D, D2, G, G2

THERMOELECTRICALLY COOLED

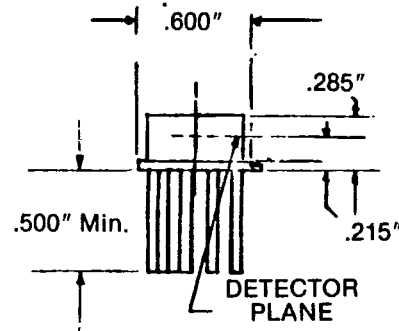
	LEAD SULFIDE			LEAD SELENIDE		
Electrical	D	D2	D21	G	G2	G21
D* (Peak, 750, 1)	2×10^{11}	2.5×10^{11}	3×10^{11}	7×10^9	1×10^{10}	1.5×10^{10}
Resistance Megohms	1-5	1-7	1-9	.2-6	.2-8	.1-10
Wavelength Cut-off (Microns)	3.3	3.5	3.6	5.0	5.3	5.3
Time Constant μ Sec.	500	700	800	15	25	30
Operating Temp.	-20°C	-30°C	-40°C	-20°C	-30°C	-40°C
Cooler Power Volts/Amps	.8V/1.7A	.9V/1.7A	2V/1.5A TO-8 or TO-3 ONLY	.8V/1.7A	.9V/1.7A	2V/1.5A TO-8 or TO-3 ONLY



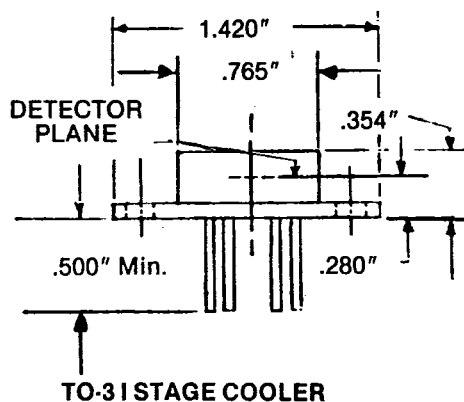
TO-5 1STAGE COOLER



TO-37 1STAGE COOLER



TO-8 1STAGE COOLER



TO-31 1STAGE COOLER

Code Number	Active Area MM Sq.
1	1
2	2
3	3
5	5
10	10

Package
TO-5, TO-8, TO-37
TO-5, TO-8, TO-37
TO-5, TO-8, TO-37
TO-8, TO-3
TO-3

HERMETICALLY SEALED
UNCALIBRATED THERMISTOR
CALIBRATED THERMISTOR
3, 4, AND 6 STAGE COOLERS
TEMPERATURE CONTROLLER
CONTROLLER WITH PRE-AMP

HOW TO ORDER:

Match electrical code D, D2, G, or G2 with the proper mechanical code 1, 2, 3, 5, or 10.
Example: D-1, G-3, D-10 and specify the package desired.

253 Mansfield Ave. • Box M • Norton, MA 02766 U.S.A.
Tel. (508) 285-5561 • Fax. (508) 285-6480 • Tlx. 294116 BOSTLX