



TO5

PbSe SPECIFICATIONS

PbSe PC DETECTOR
 ACTIVE AREA - 1MM X 1MM
 WAVELENGTH - 1.0 - 5.0u
 RESISTANCE - .2 - 1.5 M ohms
 RESPONSIVITY - >3000V/W
 D*(Pk,1000,1)X9 -2.0 Min
 TIME CONSTANT - 3us Typ

MEASURE FILTER SPECIFICATIONS

CENTER WAVELENGTH - 4.26 MICRONS
 1/2 POWER BANDWIDTH - 0.180 microns
 TRANSMISSION - 90% Typ
 BLOCKING - UV TO 7 MICRONS

REFERENCE FILTER SPECIFICATIONS

CENTER WAVELENGTH - 3.80 MICRONS
 1/2 POWER BANDWIDTH - 0.190 microns
 TRANSMISSION - 90% Typ
 BLOCKING - UV TO 7 MICRONS

NOTE:
 CO2 Detector
 Other filter bandwidths are available
 Custom filters are available
 Other active areas are available
 PbS, Si and InGaAs detectors are available
 Other packages are available (TO8, TO3, Etc.)
 All assemblies are hermetically sealed

DO NOT SCALE DRAWING	DRAWN		DATE	N.E.P. NEW ENGLAND PHOTOCONDUCTOR			
	CHECKED		DATE				
	DESIGNER	GG	DATE	FM-1D-5-F-4.2/3.8			
	ENGINEER	PB	DATE				
MATERIAL:	PROJECT ENGINEER		DATE	SIZE	CODE IDENT. NO.	TYPE	REV
FINISH SPECS:	PROJECT APPROVAL		DATE	A			1497
PMB 3/3/09				1			