

UNCONTROLLED DOCUMENT

PART NUMBER
OED-PCC-9P5-C

REV.

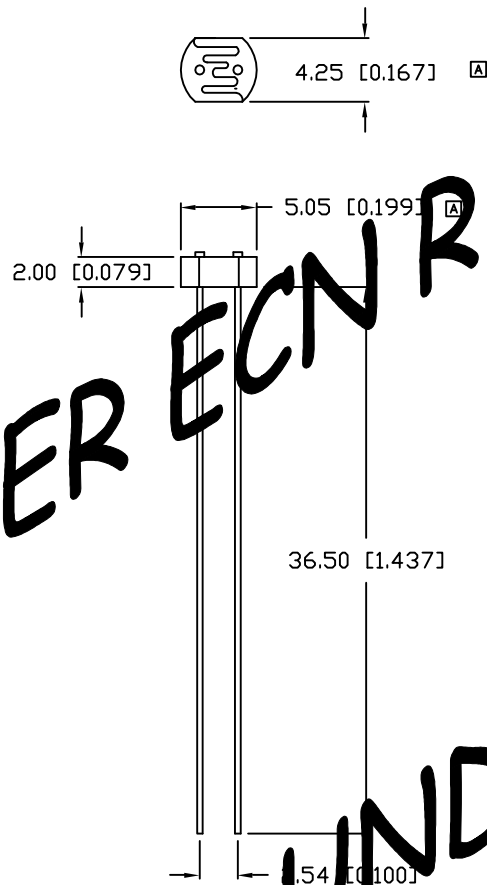
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REV. E.C.N. NUMBER AND REVISION COMMENTS

DATE

A E.C.N. #10BRDR. & 10902

8.26.02



VARIATION OF CONDUCTANCE WITH TEMPERATURE AND LIGHT

LUX	0.1	1.0	10	100	1000
TEMPERATURE	% CONDUCTANCE				
-25 °C	117	108	98	95	96
0 °C	105	102	96	95	97
25 °C	100	100	100	100	100
50 °C	96	95	101	106	104
75 °C	82	81	98	111	110

RESPONSE TIME VERSUS LIGHT

LUX	0.1	1.0	10	100	1000
RISE (SECONDS)	1.00	0.82	0.140	0.035	0.010
FALL (SECONDS)	2.96	0.56	0.110	0.043	0.014

PEAK RESPONSE WAVELENGTH (nm)	RESISTANCE (K ohm) 10 LUX		MIN DARK RESISTANCE AFTER 2 SECS.	MAX VOLTAGE RATING (PEAK AC) (volts)	MEASUREMENT VOLTAGE (volts)
	MIN	MAX	MIN (Mega ohm)		
550	200	350	10	250	35

NOTES:

1. TEMPERATURE RANGE: -25°C TO +75°C
2. MAXIMUM POWER: 125mW

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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION -0.00 MAX= +0.00 -DECIMAL PRECISION

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RELIABILITY NOTE

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DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 2.1.96
			PAGE: 1 OF 2
			SCALE: N/A

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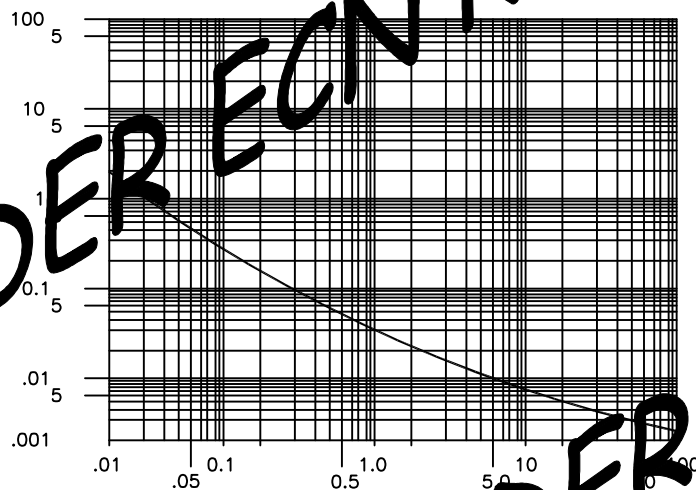
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RESISTANCE—Mega—ohms

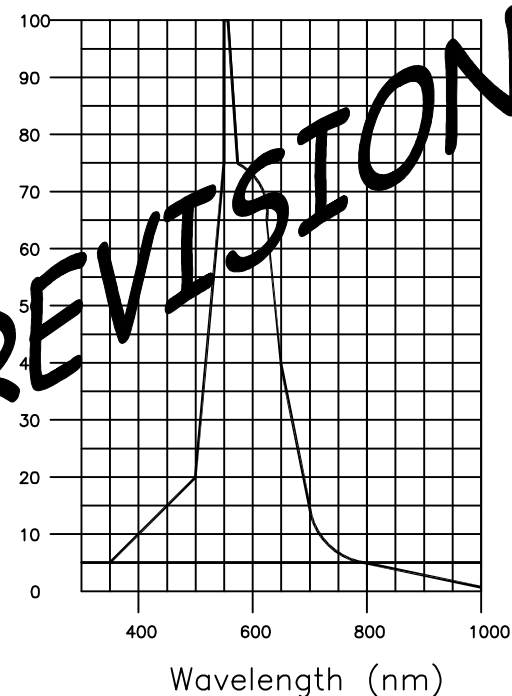
CELL RESISTANCE CURVES WITH
VARIABLE ILLUMINATION



Illumination—Foot Candles

SPECTRAL SENSITIVITY

RELATIVE SPECTRAL SENSITIVITY



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