

# Inradoptics

## KD\*P Pockels Cells

Routinely used for Q-switching applications with wavelengths from the UV to approximately 1.1  $\mu\text{m}$ . Beyond 1.1  $\mu\text{m}$ , absorption limits the use of KD\*P in active cavities, unless the application can tolerate a few percent of absorption.

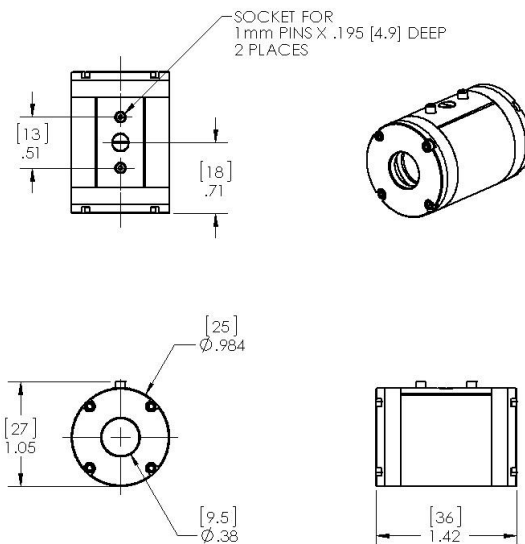
### PKC26 Compact Series

These cells are longitudinal-field, capacitive devices, intended for routine laboratory and OEM applications.

<b>Mechanical Aperture</b>	<b>9.5 mm</b>	<b>Capacitance</b>	<b>6pF</b>
<b>Wavelength Range</b>	<b>1064nm, 700-900nm, 532nm, 355nm</b>	<b>Wave front distortion @633nm</b>	$\lambda/5$
<b>Transmission @1064nm</b>	<b>&gt; 99%</b>	<b>Damage Threshold @1064nm(*):</b>	
<b>Extinction Ratio @1064nm</b>	<b>&gt; 1000:1</b>	<b>Peak power, 10nm pulses 10ns</b>	<b>&gt; 800 MW/cm<sup>2</sup></b>
<b>Quarter-wave Voltage</b>	<b>3.3kV</b>	<b>Average power (CW)</b>	<b>&gt;50W/cm<sup>2</sup></b>
		<b>Terminals</b>	<b>Socket (as shown) Post (see Dwg 7884)</b>

(\*) Typical values, Inrad Optics does not offer warranty for optical damage

### Dimensional drawing



NOTE: DIMENSIONS ARE IN INCHES & [mm]