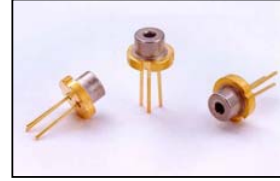


# ROITHNER LASERTECHNIK

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## ML720A1S-E22E



### 1.3 $\mu\text{m}$ Laserdiode

(MITSUBISHI)

#### CHARACTERISTICS

lasing wavelength: **typ. 1300 nm (+/- 10 nm)**

power: **4 mW cw**

I<sub>th</sub>: **typ. 10 mA**

I<sub>op</sub>: **typ. 20 mA**

V<sub>op</sub>: **typ. 1.15 V**

I<sub>mon</sub>: **typ. 500  $\mu\text{A}$**

package: **5.6 mm**

divergence: **typ. 20 x 20 °**

**NOTE!**  
**LASERDIODE**  
**MUST BE COOLED!**

#### PIN CONNECTION

- (1) laser diode cathode
- (2) photodiode cathode
- (3) case
- (4) common laser diode anode and photodiode anode

