



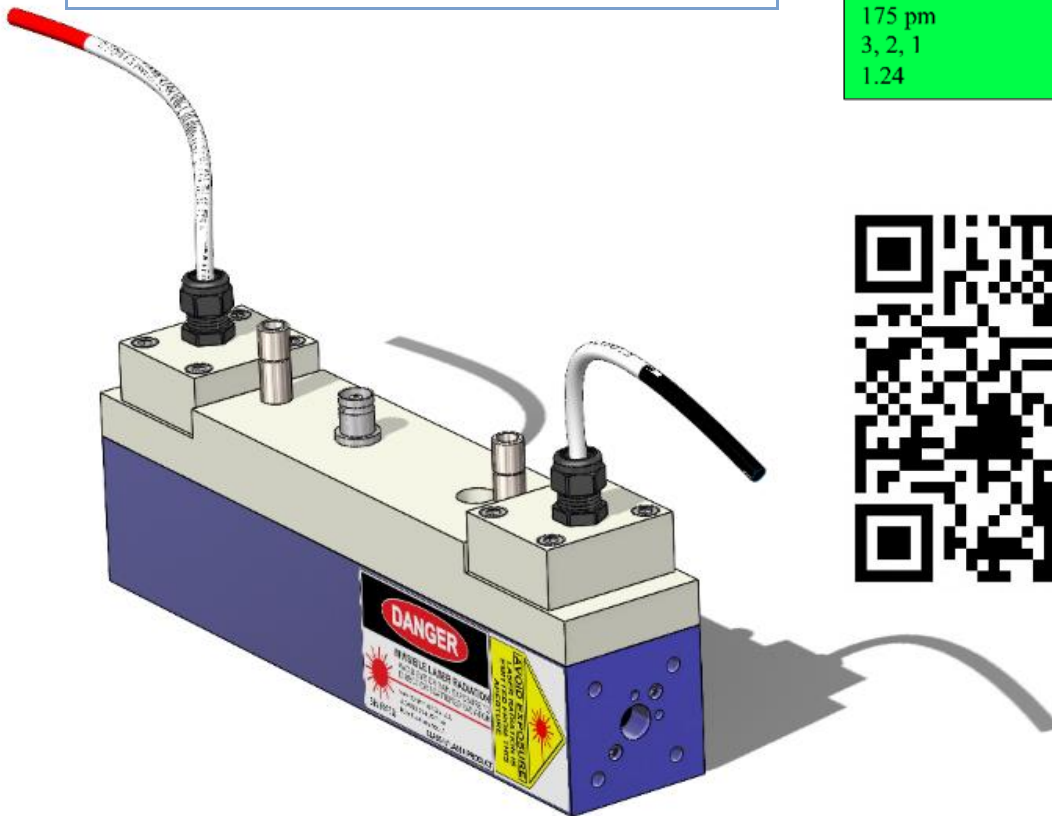
## 30 W, 100 $\mu$ s, 2.94 $\mu$ m SOLID-STATE R7X111C2-ERY Resonators

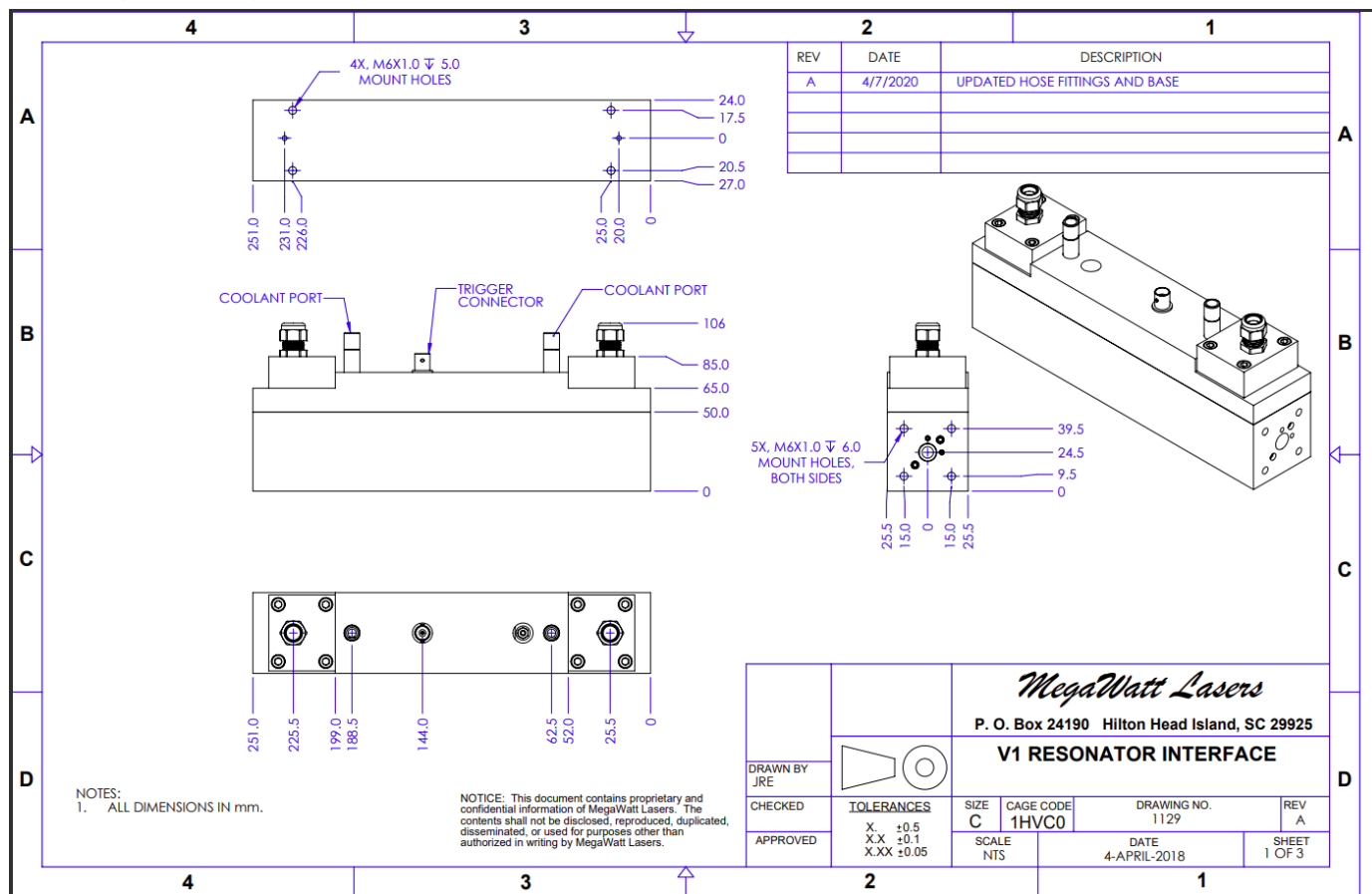
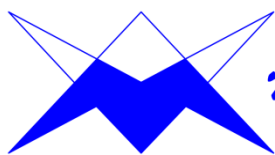
MegaWatt Lasers is pleased to announce the development of a 100  $\mu$ s, Er:YAG resonator capable of producing over 3 Joules at 10 Hz! Please Contact MegaWatt lasers, [sales@megawattlasers.com](mailto:sales@megawattlasers.com) +1 (843) 342-7221 for more information

### Specifications

Parameter	Value
Wavelength	2.94 $\mu$ m
Pulse Energy:	3.0 J
Repetition Rate:	10 Hz
Pulse Width:	100 $\mu$ s (optical) 150 $\mu$ s (electrical)
Average Power:	30 W
Coolant Temp.:	25°C

Erbium	
68	167.259
Er	
[Xe] 4f <sup>12</sup> 6s <sup>2</sup>	
175 pm	589.3 kJ·mol <sup>-1</sup>
3, 2, 1	9066 kg·m <sup>-3</sup>
1.24	1529/2868 °C





100 $\mu$ s Er:YAG, Eout vs. Ein, R7X111 Resonator

