



Item No.: TO56905DL75

Item Name: 75W 905nm TO56 Diode Laser

Optical	
Center Wavelength λ	905nm
Wavelength Tolerance	± 10 nm
Output Power	75W
Spectrum FWHM	7nm
Fast Axis Divergence	25Degree
Slow Axis Divergence	11Degree
Beam Size	200x10um
Electrical	
Operating Current I_{op}	40A
Threshold Current	0.75A
Pulse Width	200ns
Repetition Frequency	5kHz
Duty Cycle	0.10%
Reverse Voltage	3V
Thermal	
Operating Temperature	-15~85 $^{\circ}$ C
Storage Temperature	-40~100 $^{\circ}$ C
Wavelength temperature coefficient	0.28nm/ $^{\circ}$ C



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Package Drawing

