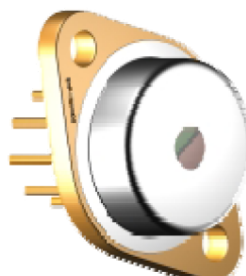


Infrared Laser Diode FWSL-1900-700-TO3-MM

PARAMETER	SYMBOL	VALUE	UNIT	
Reverse Voltage	V _r	2.0	V	
Operating Temperature	T _{op}	+10~+30	°C	
Storage Temperature	T _{stg}	-20~+80	°C	
Lead soldering temperature (10 sec.)	T _{is}	260	°C	
Features: 1900nm 700mW Power - TO3 Package - FAC Lens Optional (Square or Line Beam)				
Applications: - Medical Laser Treatment - Others				
Specifications				
		Min	Type	Max
Center Wavelength@25℃		1870nm	1900nm	1930nm
Spectral Width (FWHM)		----	----	20nm
Output Power		----	700mW	----
Recommended Operating Temperature		25℃		
Beam Divergence		----	12°⊥ x 30°//	----
Temperature Coefficient of Wavelength		----	0.75nm / °C	----
Slope Efficiency		----	0.2W/A	----
Threshold Current (Typ.)		----	0.7A	1.0A
Operating Current (Typ.)		----	4.2A	4.5A
Operating Voltage		----	1.1V	1.4V
Package Style		TO3		

T03 Package