

50 x 50mm, 3-5μm, High Contrast IR Wire Grid Polarizer



Stock **#88-247** ☐ In Stock

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C\$2,849.00

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Angle of Incidence (°):
0 ±20

Extinction Ratio:
5000:1 @ 3μm, 5000:1 @ 3.7μm, 7000:1 @ 5μm

Substrate: ☐
Silicon (Si)

Length (mm): 50.00
Operating Temperature (°C): Up to 200
Dimensions (mm): 50.0 x 50.0
Thickness (mm): 0.70
Thickness Tolerance (mm): ±0.07
Transmission (%): T _p >90% @ 3.0µm T _p >95% @ 3.7µm T _p >94% @ 5.0µm
Type: Linear Polarizer
Dimensional Tolerance (mm): ±0.4
Construction: Wire Grid
Thermal Expansion: 2.6 x 10 ⁻⁷ /°C
Alignment Tolerance (°): ±2
Wavelength Range (nm): 3000 - 5000
Damage Threshold, By Design: ☐ 0.64 kW/cm ² Blocking Direction >14 kW/cm ² Transmission Direction @ 3.3µm, 7ns, 25kHz, 150µm Spot Size
Width (mm): 50.00

Regulatory Compliance

RoHS 2015: Compliant
Reach 224: Compliant
Certificate of Conformance: View