

LASER DAMAGE RESISTANCE CERTIFICATION

PASS

Supplier: Perkins Precision Developments
Purchase Order #: 23-4325
Part ID: J23-3207
Lot# P23-1519, P23-1522

Cert. Number: 76994
Date: October 18, 2023

Requirements: 100 kW/cm², peak irradiance

TEST PARAMETERS

Coating Type: AR
Test Wavelength: 1064 nm
Polarization: Linear
Pulsewidth (FWHM): CW
Spot Diameter (1/e²): 1.0 mm
Test Prep: PROC.CLEAN UV-VIS-IR
Rev.1
Quantity: 2

Substrate Material: Fused Silica
Incidence Angle: 7°
PRF: CW
Transverse Mode: TEM₀₀
Axial Modes: Multiple
Number of Sites: 10
Exposure Duration: 60 seconds/site

TEST RESULTS: No damage observed using 100x Nomarski brightfield microscope.

COMMENTS: None.

Spica Technologies certifies that this sample has been exposed to the parameters described above. All test and calibration data are maintained on file. All instrument calibration is traceable to NIST.

Test conducted by



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