

optoSiC® XY35G

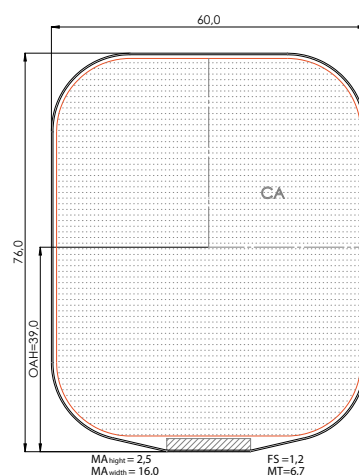
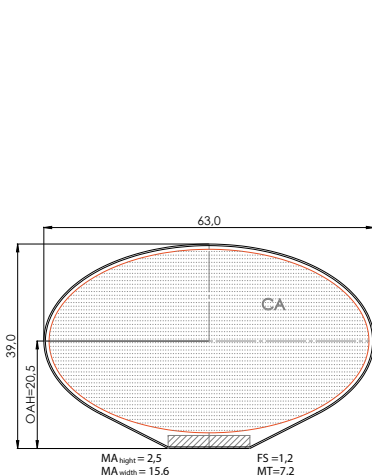
SIC OPTICS FOR HIGH-END LASER PROCESSES - INNOVATIVE LASER GALVO SCANNING MIRRORS MADE OF SILICON CARBIDE.



MIRROR SPECS

	X35G	Y35G
Mass (g)	13,76	31,26
Moment of Inertia [MOI] (g*cm ²)	22,1	55,5
Angle of Incidence [AOI] (°)	45,0	38
Mechanical Scan Angle (°)	± 10°	
Resonant Frequency (kHz)	10,7	6,0
Dynamic Flatness (pm/(rad/s ²))	14,5	31,6
Reflected Wavefront Error [RWE]	¼ λ @ 632,8nm interferometric within CA	
Typical Coatings Wavelengths* (nm)	532nm, 1064nm, 1080nm, Gold, Silver, CO ₂	
Available Mounts*	Shaft size: 7mm	

*Custom coatings and mounts available on request.



Technical details on request.

- Low moment of inertia
- High resonance frequency
- Customized coating service
- Mounting solutions

optoSiC®
MERSEN

MERSEN Deutschland
Holding GmbH & Co. KG
Division optoSiC

Baierbrunner Straße 39
D-81379 Munich
Germany

phone +49 (0) 89 780 7239 0
fax +49 (0) 89 780 7239 211
email info.munich@mersen.com

www.optosic.com
www.mersen.com