

SAMTM Data Sheet SAM-1064-65-10ps-x, λ = 1064 nm

 $\lambda = 1064 \text{ nm}$ Laser wavelength

High reflection band $\lambda = 1010 ... 1110 nm$

Absorbance A = 65 % $\Delta R = 54 \%$ Modulation depth

Saturation fluence $\Phi_{\text{sat}} = 28 \,\mu\text{J/cm}^2$

 $\tau = 10 \text{ ps}$ Relaxation time constant

Damage threshold $\Phi = 800 \, \mu J/cm^2$

Chip area 4.0 mm x 4.0 mm; other dimensions on request

Chip thickness 450 µm

Protection the SAM is protected with a dielectric front layer

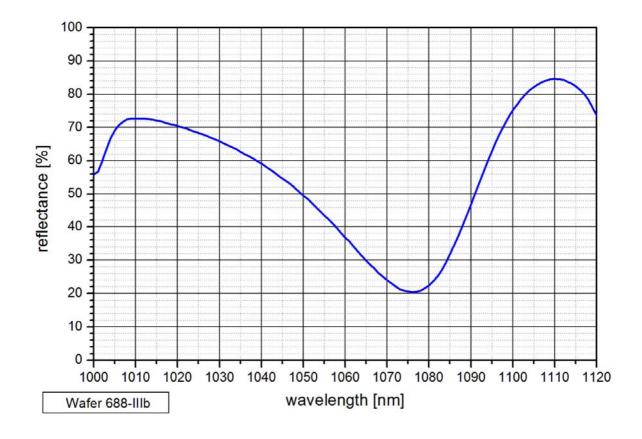
Mounting option **x** denotes the type of mounting as follows:

 $\mathbf{x} = 0$ unmounted

glued on a gold plated Cu-cylinder with 12.7 mm \varnothing x = 12.7 gx = 25.4 gglued on a gold plated Cu-cylinder with 25.4 mm Ø soldered on a gold plated Cu-cylinder with 12.7 mm \varnothing x = 12.7 sx = 25.4 ssoldered on a gold plated Cu-cylinder with 25.4 mm \varnothing

x = FC/PCmounted on a 1 m monomode fiber cable with FC/PC connector

Low intensity spectral reflectance



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