

SAMTM data sheet SAM-1550-22-12ps-x, λ = 1550 nm

Laser wavelength $\lambda = 1550$ nm

High reflection band $\lambda = 1450 ... 1580$ nm

Absorbance $A_0 = 22 \%$ Modulation depth $\Delta R = 13 \%$ Non-saturable loss $A_{ns} = 9 \%$

Saturation fluence $\Phi_{sat} = 40 \,\mu\text{J/cm}^2$

Relaxation time constant $\tau = 12 \text{ ps}$ Damage threshold 800 µJ/cm^2

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

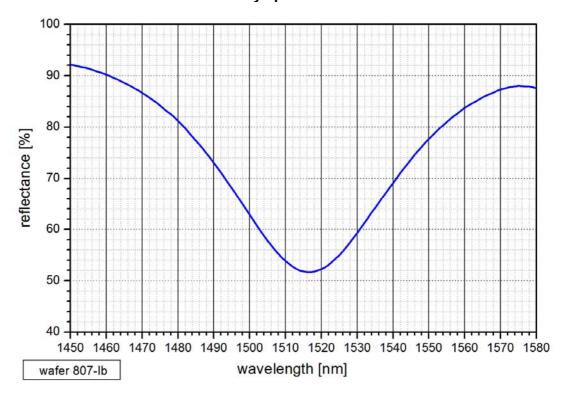
Chip thickness 450 µm

Protection the SAM is protected with a dielectric front layer

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

x = 0
x = 12.7 g
x = 25.4 g
x = 12.7 s
x = 25.4 s
x = 25.4 s
x = 25.0 w
x

Low intensity spectral reflectance



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