

SAMTM Data Sheet SAM-1550-32-18ps-x, λ = 1550 nm

Laser wavelength $\lambda = 1550 \text{ nm}$

High reflection band $\lambda = 1500 ... 1600 \text{ nm}$

 $Absorbance & A_0 = 32 \ \%$ Modulation depth $\Delta R = 20 \ \%$ Non-saturable loss $A_{ns} = 12 \ \%$

Saturation fluence $\Phi_{\text{sat}} = 70 \,\mu\text{J/cm}^2$

Relaxation time constant $\tau = 18 \text{ ps}$

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

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

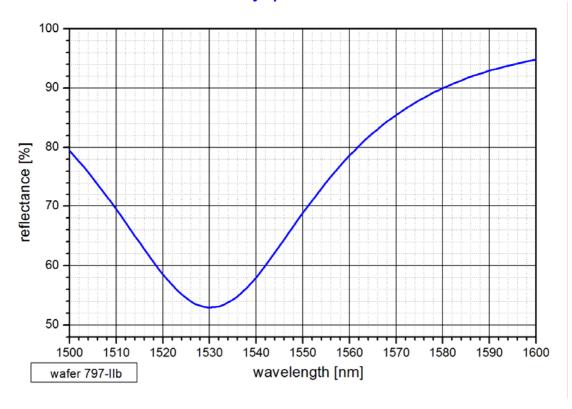
Chip thickness 450 µm

Protection the SAM is protected with a dielectric front layer

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

x = 0
x = 12.7 g
x = 25.4 g
x = 12.7 s
x = 25.4 s
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Low intensity spectral reflectance



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