

SAMTM Data Sheet SAM-1550-42-12ps-x, λ = 1550 nm

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

High reflection band $\lambda = 1500 ... 1580 \text{ nm}$

 $Absorbance & A_0 = 42 \ \%$ Modulation depth $\Delta R = 26 \ \%$ Non-saturable loss $A_{ns} = 16 \ \%$

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

Relaxation time constant $\tau = 12 \text{ ps}$

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

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

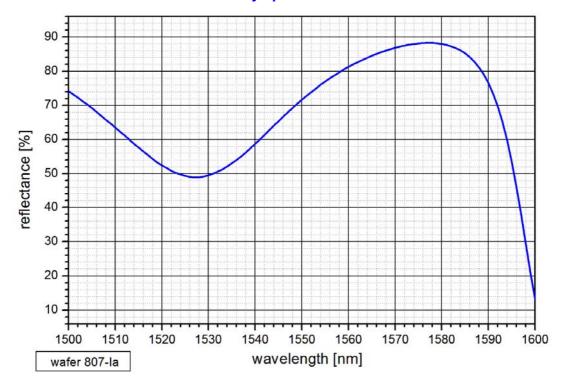
Chip thickness 450 µm

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



BATOP GmbH Wildenbruchstraße 15 D-07745 Jena Germany Tel: +49 3641 634009 - 0 Fax: +49 3641 634009 - 20 E -mail: info@ batop.de Deutsche Bank Erfurt Bank Code: 82070024 Account No: 3922655 VAT Reg.No: DE813698804 Tax Acc. No: 162/106/01639 Local Court Jena HRB 112769

IBAN: DE49 8207 0024 0392 2655 00