

## SAM<sup>TM</sup> Data Sheet SAM-1920-36-10ps-x, $\lambda$ = 1920 nm

Laser wavelength  $\lambda = 1920 \text{ nm}$ 

High reflection band (R > 60%)  $\lambda$  = 1850 .. 2000 nm

Absorbance  $A_0 = 36 \%$  Modulation depth  $\Delta R = 20 \%$  Non-saturable loss  $A_{ns} = 16 \%$ 

Saturation fluence  $\Phi_{\text{sat}} = 50 \,\mu\text{J/cm}^2$ 

Relaxation time constant  $\tau \sim 10 ps$ 

Damage threshold  $\Phi = 1.5 \text{ mJ/cm}^2$ 

Chip area 4 mm x 4 mm; other dimensions on request

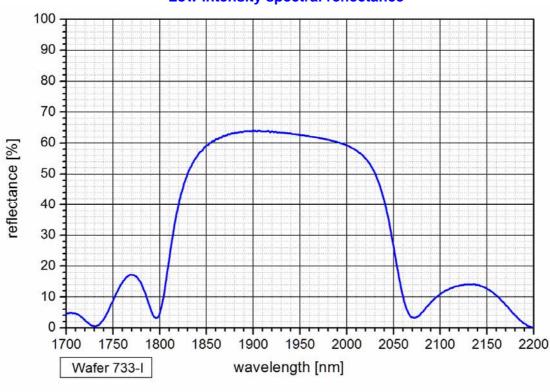
Chip thickness 450 µm

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 = 25.4 w
x

## Low intensity spectral reflectance



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