

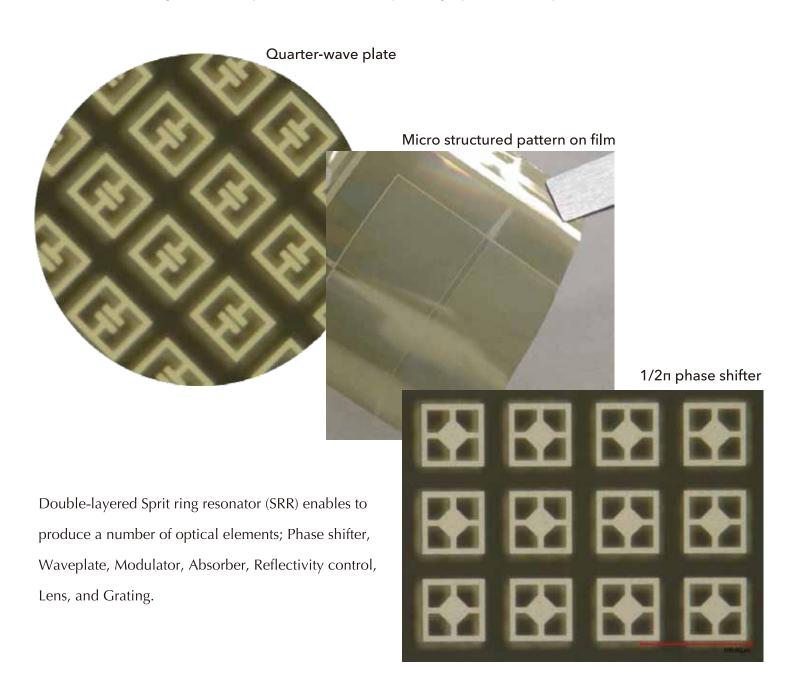
THz optics based on Metamaterial

PRELIMINARY

Micro structured array on polymer film.

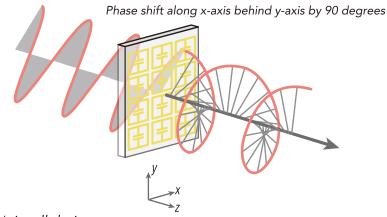
Engineerd optical properties due to the specific cell design and its layout.

Large size component available by lithographic technique.

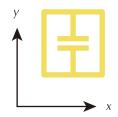


Quarter-wave plate

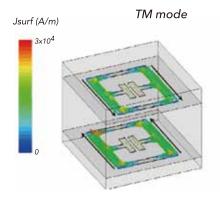
Operation



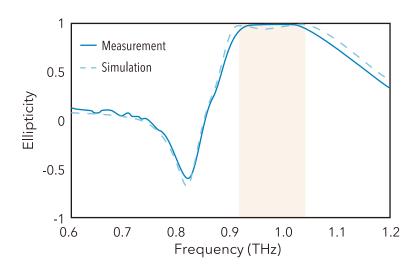
Unit cell design



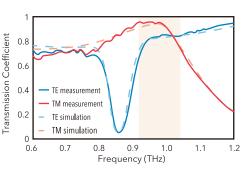
Jsurf (A/m) 3x10⁴

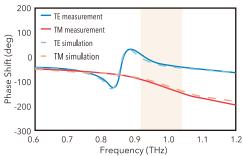


Performance



Ellipticity >0.98 and transmittance >0.80 at target frequency 0.98 THz.





Items will be released in 2020.

Detailed information available. Ask us!



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