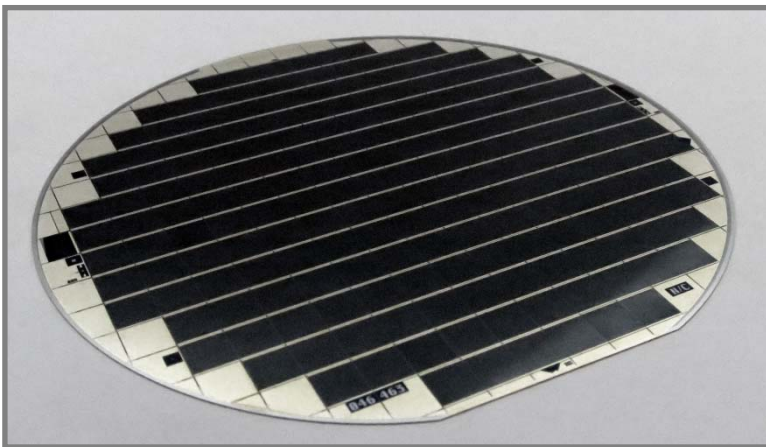


New Product !

C3P5 Improved CPV Technology with Fifth Generation Wafer Processing



192 Cells per 100 mm Dia. Processed Wafer

- ✓ *Enhanced efficiency and lower cost with the demonstrated reliability of our C3MJ technology*
- ✓ *Fully qualified and production-ready*
- ✓ *Grid design optimized for high concentration (1200x)*

Product Description

Typical Efficiency 39.5%
Recommended operating temperature <110°C

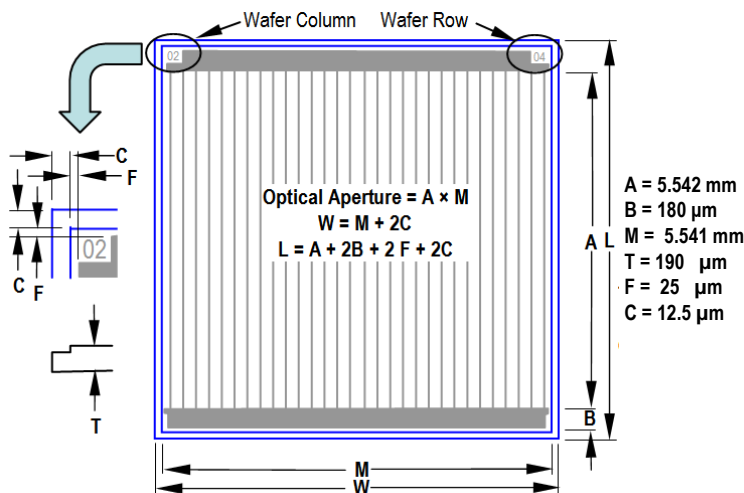
Epitaxial Structure

Triple junction solar cell on Germanium substrate
GaInP (1.88 eV) / GaInAs (1.41 eV) / Ge (0.67 eV)

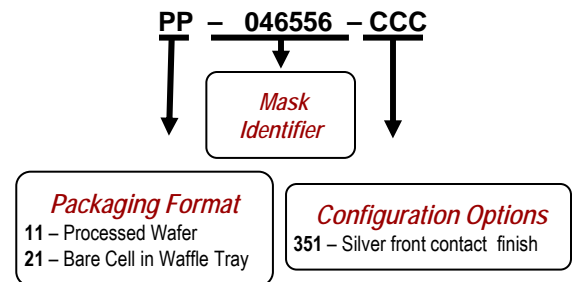
Metallization

- Silver metallization on front busbar and grid fingers. gold flash front contact finish is available as a special order with minimum lot sizes imposed.
- Silver metallization with 500Å gold on back surface

Mechanical Dimensions



CPV Cell Ordering Guide



Example:

21-046556-351 Bare Cell in Waffle Tray ,
Silver Front Contact