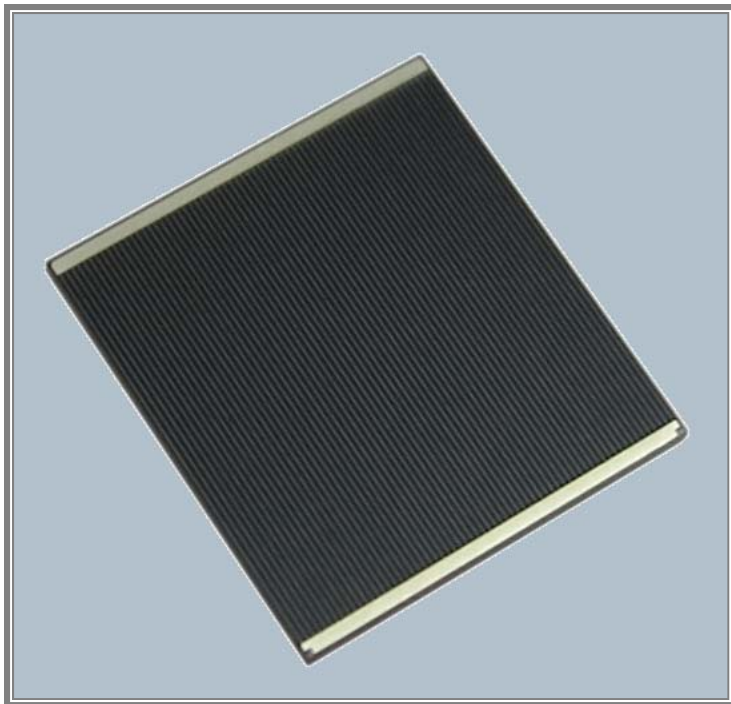


**New Product !**

## C3P5 Improved CPV Technology with Fifth Generation Wafer Processing



- ✓ *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

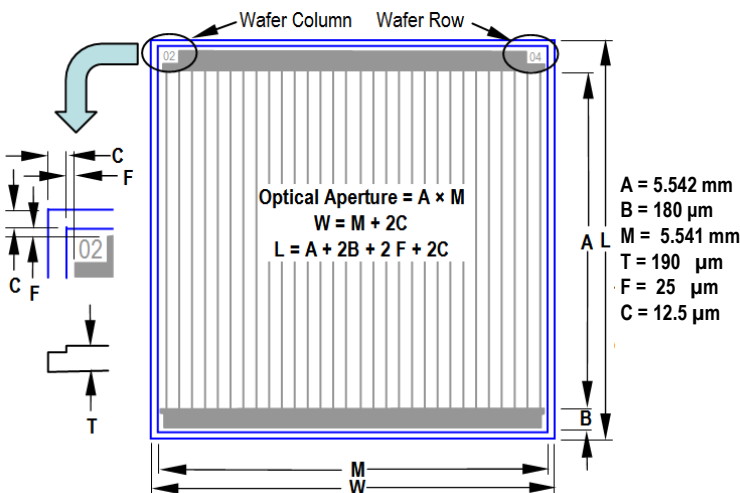
### Epitaxial Structure

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

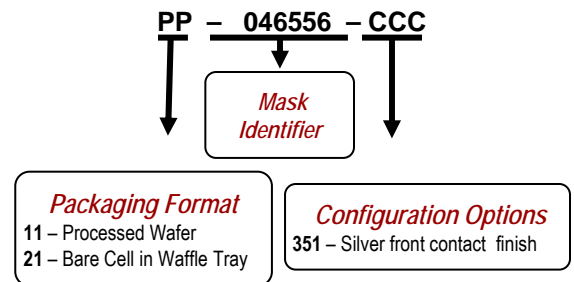
### Metallization

- 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