Kinematic Mounting of Stackable Multi-layer Large Format Low Temperature Arrays

Mount Requirements

- Kinematic
- Low mass
- Modular
- Reconfigurable
- Closely stacked
- Survive launch loads
Ball and Groove

- Unique, reproducible positioning
- Does not induce internal stress

http://www.g2-engineering.com/technology-kinematics
Mount Stack

V-grooves for KM mount
Place spheres in mounts
Place detector in assembly
Clamp detector to mount
Place detector in assembly
Clamp detector to mount
Place detector in assembly
Clamp detector to mount
Assembled System