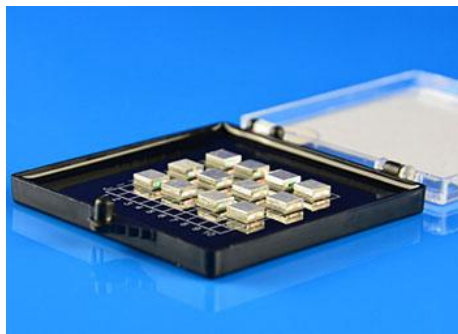


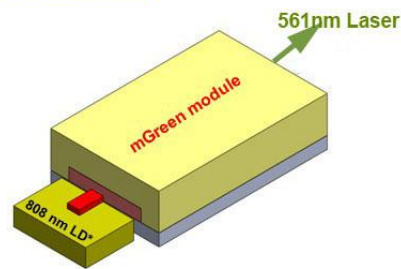
MgO:PPLN+Nd:YAG modules for 561nm Laser Generations

- Small and compact in size
- Alignment free
- Easy to be integrated into laser systems

MgO doped periodically poled lithium niobate Crystal chips (**MgO:PPLN crystals**) is used as the frequency conversion element, it converts 1123nm laser to 561nm laser, the 1123nm laser is generated from Nd:YAG crystals pumped by 808nm LD, the **PPLN crystals** and Nd:YVO4 crystals is bonded on a silicon substrate, then the whole component is wrapped by the copper heat-sink.



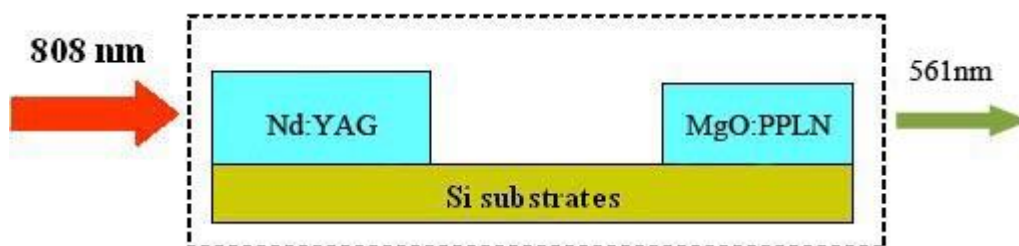
Typical Application Configuration



SPECIFICATIONS

Specifications	
Module Length	5.5mm
Module Width	4.6mm
Module Thickness	2.0mm
Input Surface Coating	HT@808nm+ HR@1123nm+HR@561nm
Output Surface Coating	AR@1123nm+ AR@561nm;
Optical to Optical Efficiency	2~5%
Operation Temperature	~ 35°C

Application Notes



Typical Application Configuration

