

1. Descriptions

The mounting kit for CS diode package is put together to provide a turnkey solution for electrically isolating laser diodes from the cold plate it is mounted to.



The kit consists of the following items:

- One aluminum nitride plate. .025" thick, 1" by 1" in size, has clearance holes matching the mounting holes of CS package. The AIN plate isolates the diode from the cold plate.
- Four nylon shoulder washers designed to fit in the mounting holes of CS package, with clearance holes for M3 screws. The shoulder washers isolate the mounting screws from the diode submount.
- 2 inch² indium foil for the interface between the diode and AIN plate; and between the AIN plate and the cold plate. The indium foil is .002" thick.
- 12 Belleville washers for maintaining constant pressure to indium foil. We recommend 3 washers in series per screw.
- Screws and flat washers shown in the diagram are not included.

2. Pricing

Please contact us for pricing and availability information.

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