

## SCSI Trade Association Common Wrapper Requirements

- Keep the wrapper compact so that maximum device density can be achieved. Design should be open rather than enclosing the device.
  - Wrapper made from aluminum. Zinc, or magnesium
  - Stronger
  - Better thermal properties
  - Minimize creep
  - Less material required to obtain strength requirements.
- Device mounts to wrapper at extreme positions
- Provide mounting for decorative bezel. Allow users to customize the bezel to meet various aesthetics requirements. Bezel is optional.
- Wrapper should contain EMC shield. EMC shield can be optional.
- Insertion/extraction mechanism needed to simplify installation and extraction and provide positive retention. Envelope needs to have defined location for cam. Insertion/extraction mechanism can be customized. Insertion/extraction must be easy and obvious.
- Keying on wrapper to assure proper orientation.
- One wrapper for both 1.0" and 1.6" devices.
- Status indicator achieved by light pipes and/or LED'S.
- Wrapper provides protection of the PCB.
- Bumpers on wrapper to minimize device damage when out of envelope.
- Provide grounding between device and envelope.
- Minimize free play between wrapper assembly and envelope in all axes.
  - Improved performance.
  - Minimize shipping damage to devices.

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