

HITACHI

Inspire the Next

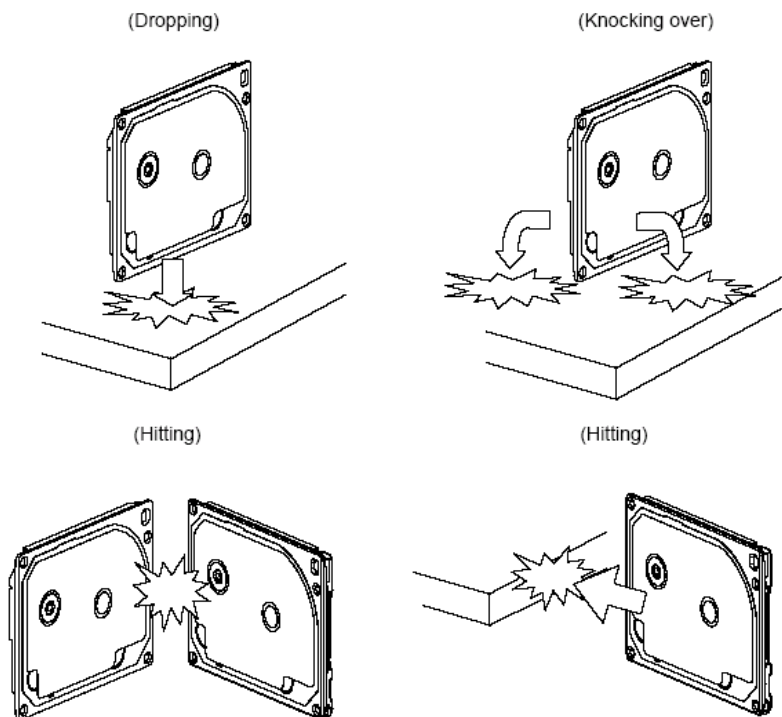
Quick Installation Guide Hitachi Travelstar 7K200

Models: HTS722020K9A300 HTS722020K9SA00
HTS722016K9A300 HTS722016K9SA00
HTS722012K9A300 HTS722012K9SA00
HTS722010K9A300 HTS722010K9SA00
HTS722080K9A300 HTS722080K9SA00



Handling precautions

- Set the drive down gently to prevent damage from impact or vibration.
- Handle the drive carefully by the edges. Do not touch the exposed printed circuit board or any electronic components.
- Do not press on the top or bottom of the drive.
- Before handling the drive, discharge any static electricity from yourself and your clothing. With one hand touch an unpainted metal surface, then touch the ESD bag with the other hand. Remain in contact with the chassis and the bag for a minimum of two seconds.
- Vibration, shock and static electricity to the drive will damage the precision parts. In particular, prevent vibration or shock generated by dropping, knocking over or hitting the drive. Also, avoid touching the electrical components directly, which can discharge electrostatic energy and damage the drive.



Interface connector

The figure below shows the physical pin location.

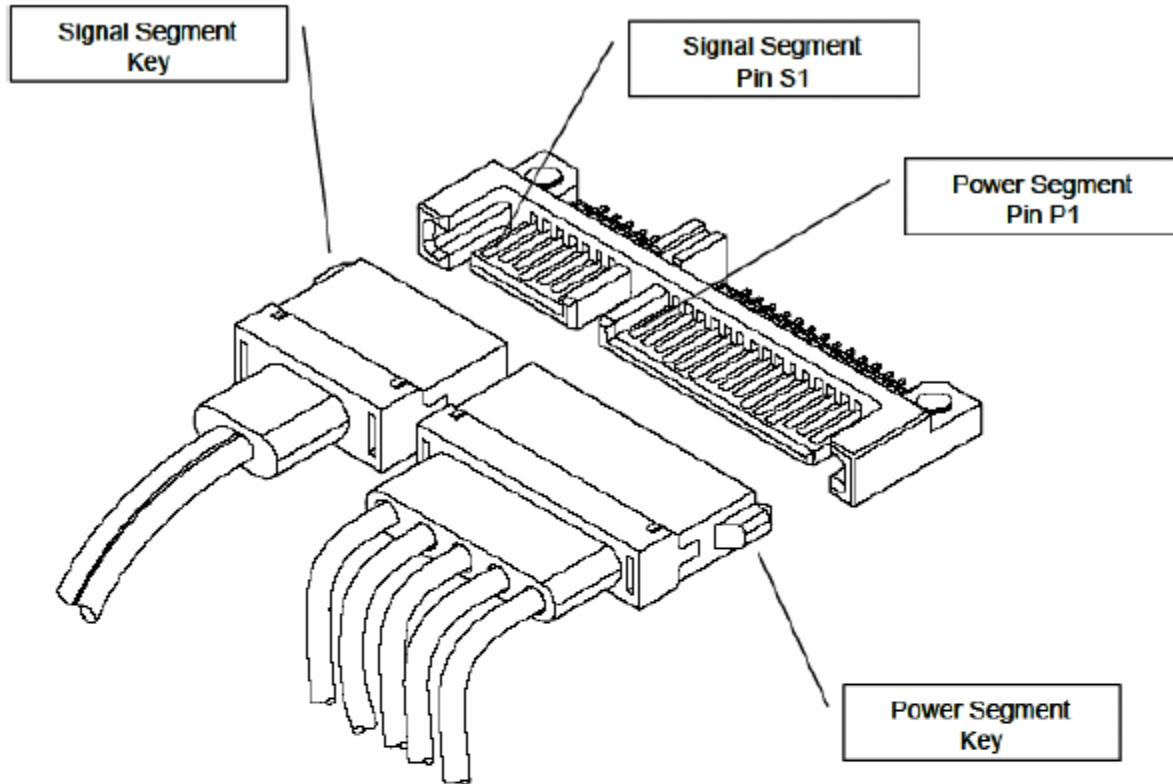


Figure 3. Interface connector pin assignments

- All pins are in a single row, with a 127 mm(.050") pitch.
- The comments on the mating sequence in Table in the section 7.3 apply to the case of back-plane blind-mate connector only. In this case, the mating sequences are:(1)the ground pins P4 and P12;(2) the pre-charge power pins and the other ground pins; and (3) the signal pins and the rest of the power pins.
- There are three power pins for each voltage. One pin from each voltage is used for pre-charge in the backplane blind-mate situation.
- If a device uses 3.3V, then all V33 pins must be terminated. Otherwise, it is optional to terminate any of the V33 pins
- If a device uses 5.0V, then all V5 pins must be terminated. Otherwise, it is optional to terminate any of the V5 pins
- If a device uses 12.0V, then all V12 pins must be terminated. Otherwise, it is optional to terminate any of the V12 pins.

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09 May 2007
