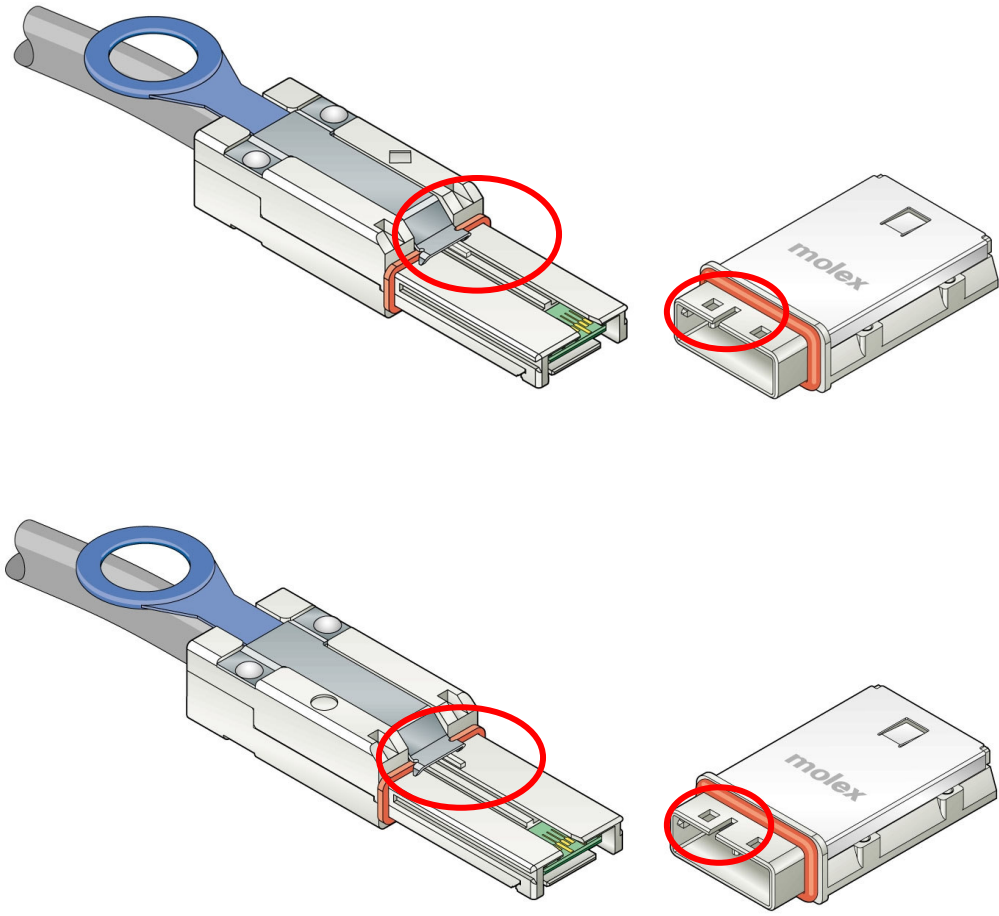# Reverse Keying Proposal for SAS 2.0

SAS Phy WG Con-Call July 31, 2008
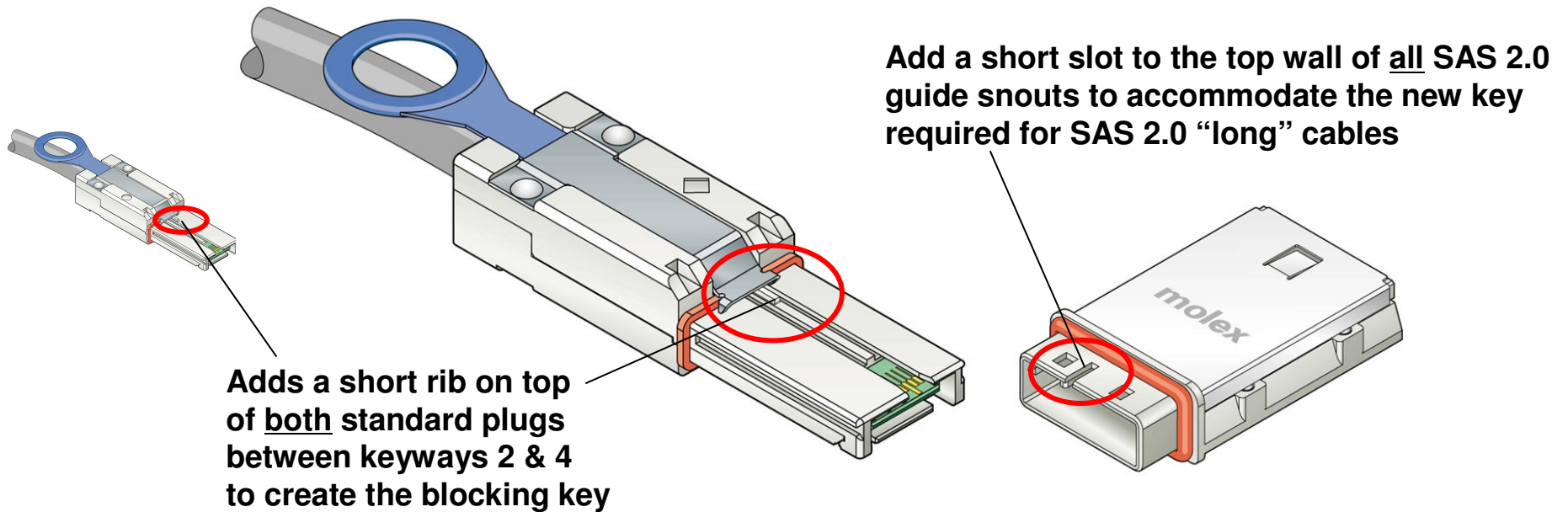
Jay Neer - Molex

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Proposal for SAS 2.0 Keying

Proposal for SAS 2.0 Keying for >7m Copper Cables

Keeps all SAS keying on the same surface as the current keying

- All mini SAS 1.1 cables can plug into all SAS 2.0 Guides
- All mini SAS 2.0 cables can plug into all SAS 2.0 Guides
- All mini SAS 2.0 cables are blocked from plugging into all SAS 1.1 Guides

Add a short slot to the top wall of <u>all</u> SAS 2.0 guide snouts to accommodate the new key required for SAS 2.0 "long" cables

Adds a short rib on top of <u>both</u> standard plugs between keyways 2 & 4 to create the blocking key

Note
There is no "Universal" plug defined in the SAS standard (Plug with keys 2, 4, & 6)

JN 07/31/2008