

## Proposed Addition

### *Draft Working Document SCSI-3 Physical Interface*

#### Add to Section 5.3 Connector Requirements

*Connector System to have the following attributes:*

- Connector to be multi wipe system.
- Connector contacts to be plated with a minimum of 0,000762 gold over 0,00127 nickel or equivalent .
- Surface finish of the N5 (Ra of 0,0004).
- Contact retention in housing shall be a minimum of 25 Newtons.
- Connector system shall have a minimum mating wipe length of 1,25mm.
- Receptacle contact geometry shall not allow mating to the corner of the pin.
- Contact geometry and normal force shall produce sufficient contact pressure to break thru surface films during mating.
- Connector system to be capable of a minimum of 50 cycles of mating and unmating without wear thru of the noble plating surface.
- Insertion force to be less than 1 Newtonper contact.
- Insulation Resistance to be 1000 megohms minimum.
- Dielectric Withstanding Voltage to be 800 VAC RMS minimum.