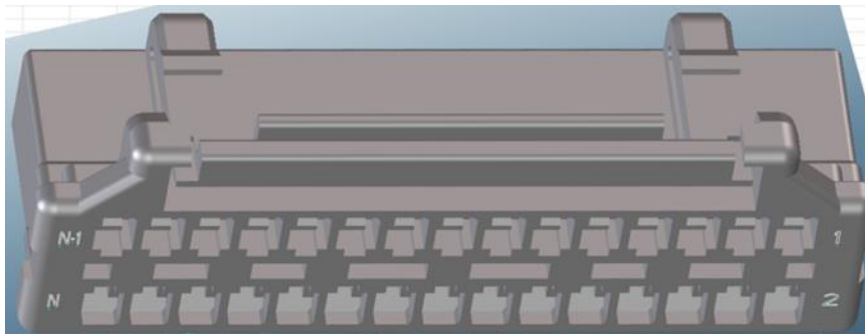
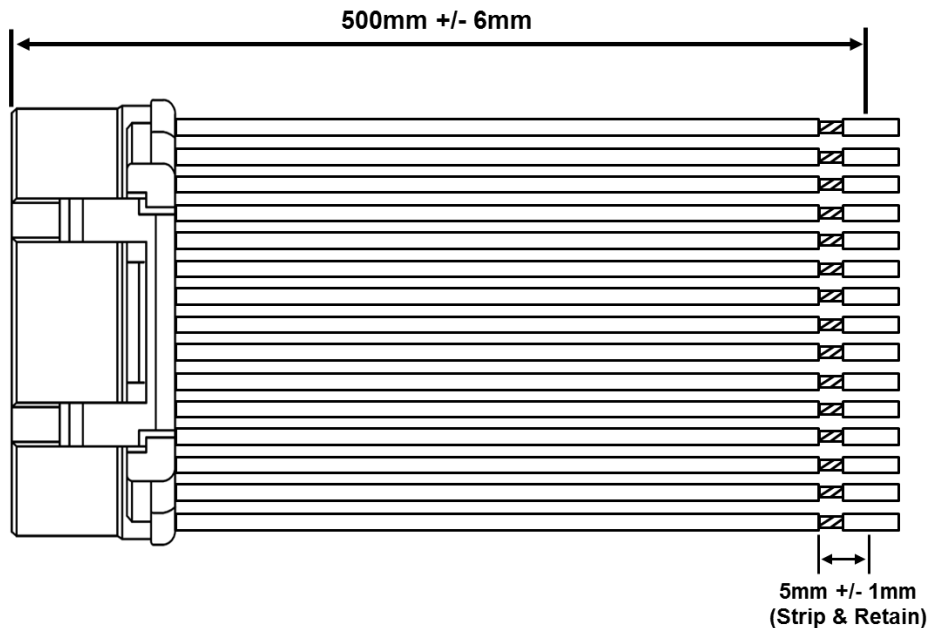


**ALLIED MOTION P/N: AC-CB-100122**  
**MXC / SXC / SXD IO Cable**

DATE: JULY 30 2014  
REV.: 01



**MATERIALS:**

- \* Molex Connector P/N: 5031103000 (1 ea.)
- \* Molex Terminals P/N: 5019301100 (30 ea.)
- \* Wire 26 awg, Tinned Copper Stranded, UL 1061 (Wire Color According to Wiring Chart)

**WIRING CHART**

| Pin #   | Color  | Function          |
|---------|--------|-------------------|
| Pos. 1  | Brown  | Dig In 1          |
| Pos. 2  | Orange | Dig Out 1C        |
| Pos. 3  | Yellow | Dig In 2          |
| Pos. 4  | Green  | Dig Out 2C        |
| Pos. 5  | Blue   | Input Common      |
| Pos. 6  | Violet | Dig Out 1E        |
| Pos. 7  | Gray   | Dig In 3          |
| Pos. 8  | White  | Dig In 4          |
| Pos. 9  | Brown  | Dig In 5          |
| Pos. 10 | Orange | Dig In 6          |
| Pos. 11 | Yellow | Dig Out 3         |
| Pos. 12 | Green  | Dig Out 2E        |
| Pos. 13 | Red    | +5V from drive    |
| Pos. 14 | Black  | 5V common         |
| Pos. 15 | Blue   | High Speed 7 IO+  |
| Pos. 16 | Violet | High Speed 7 IO-  |
| Pos. 17 | Gray   | High Speed 8 IO+  |
| Pos. 18 | White  | High Speed 8 IO+  |
| Pos. 19 | Brown  | High Speed 9 IO+  |
| Pos. 20 | Orange | High Speed 9 IO+  |
| Pos. 21 | Yellow | High Speed 10 IO+ |
| Pos. 22 | Green  | High Speed 10 IO+ |
| Pos. 23 | Black  | 5V common         |
| Pos. 24 | Black  | 5V common         |
| Pos. 25 | Blue   | Analog Out        |
| Pos. 26 | Violet | Chassis Gnd       |
| Pos. 27 | Gray   | Analog In 1+      |
| Pos. 28 | White  | Analog In 2+      |
| Pos. 29 | Brown  | Analog In 1-      |
| Pos. 30 | Orange | Analog In 2-      |

This Assembly is RoHS COMPLIANT