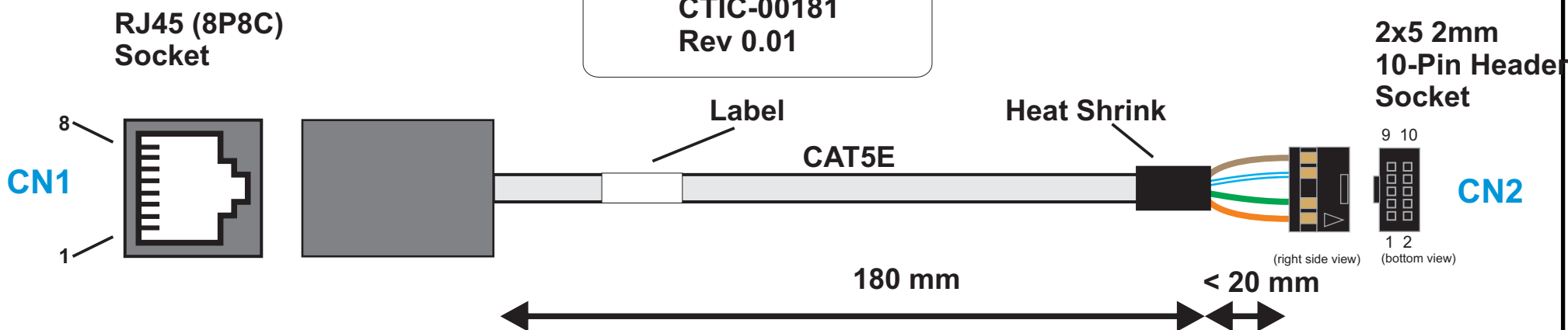


**CBG065  
CTIC-00181  
Rev 0.01**



**Pinout Information**

| CN1<br>RJ45 (8P8C) | Signal | Color        | CN2<br>10 Pin Header |
|--------------------|--------|--------------|----------------------|
| 2                  | MX1-   | Orange       | 1                    |
| 1                  | MX1+   | White/Orange | 2                    |
| 6                  | MX2-   | Green        | 3                    |
| 3                  | MX2+   | White Green  | 4                    |
| -                  | NC     | -            | 5                    |
| -                  | NC     | -            | 6                    |
| 5                  | MX3-   | White/Blue   | 7                    |
| 4                  | MX3+   | Blue         | 8                    |
| 8                  | MX4-   | Brown        | 9                    |
| 7                  | MX4+   | White/Brown  | 10                   |

**Alternate Connector, CN2**

This alternate connector option should only be used if the primary connector cannot be sourced. Pin 1 must be indicated with a white dot (paint or ink)

TIA/EIA-568-B T568B Wiring

**Assembly Notes**

1. Cable is made from **RoHS** compliant components.
2. Cable assembly uses a single RJ45(8P8C) Female Socket connector to a 2x5 (2mm pitch) 10-Pin Socket Header.
3. Signal Pairs MX1+/-, MX2+/-, MX3+/-, Mx4+/- should all be twisted pairs.
4. RJ45 socket connector must be rated for 1000 Base=T Gigabit Ethernet
5. Cable must be CAT5E

|                             |                            |
|-----------------------------|----------------------------|
| <b>CT Connect Tech Inc.</b> |                            |
| <b>Part #:</b>              | <b>CTIC-00181 / CBG065</b> |
| <b>Drawn By:</b>            | <b>Matt Ferraro</b>        |
| <b>Date:</b>                | <b>2010/11/01</b>          |
| <b>Revision:</b>            | <b>0.01</b>                |