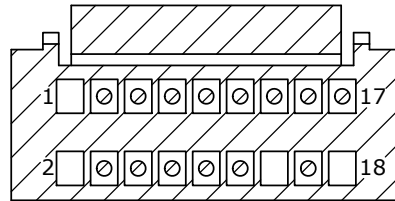
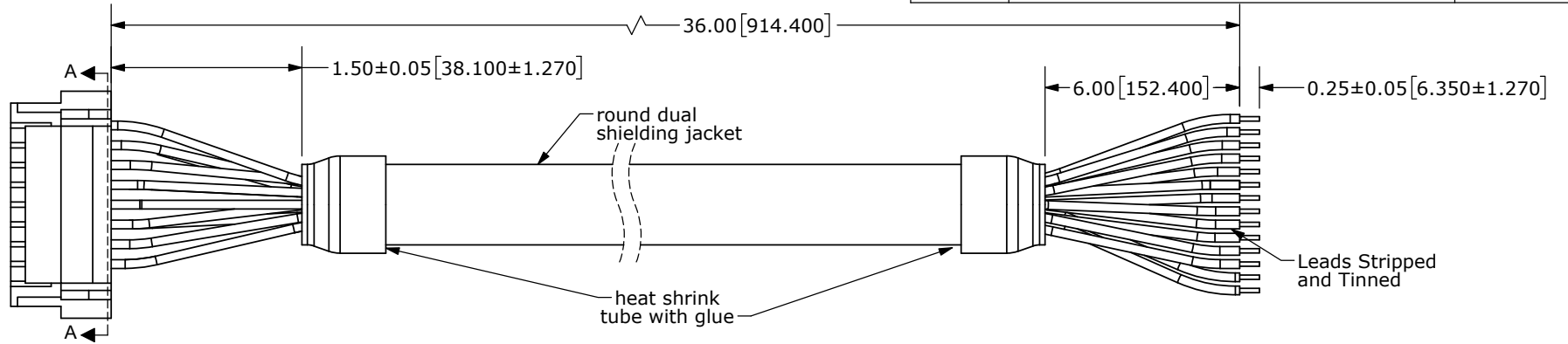


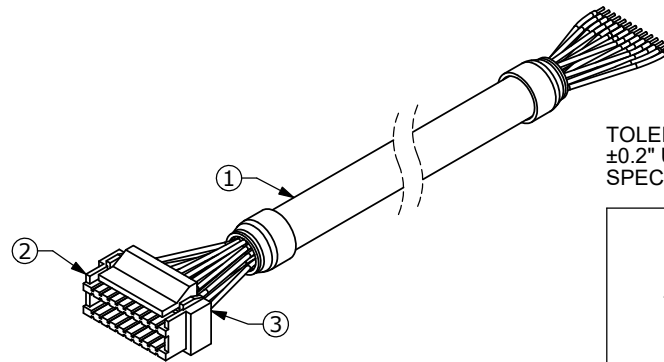
Additional Resources: [Product Page](#)

| REV. | DESCRIPTION | DATE |
|------|-----------------------------------|------------|
| A | NEW DRAWING | 6/27/2019 |
| B | brand update | 4/13/2020 |
| C | CUI Devices rebranded to Same Sky | 09/12/2024 |



SECTION A-A
SCALE 3 : 1
(Back of Connector Housing)

| Connector Pinout | | | |
|------------------|----------|---------------|--------|
| # | Function | Color | |
| | | Primary | Stripe |
| 1 | RX_ENC+ | Not Populated | |
| 2 | TX_ENC+ | Not Populated | |
| 3 | U+ | Brown | Red |
| 4 | GND | Green | Red |
| 5 | W+ | Orange | Red |
| 6 | +5V | Red | Green |
| 7 | V+ | Blue | Red |
| 8 | A+ | Brown | White |
| 9 | A- | White | Brown |
| 10 | B+ | Green | White |
| 11 | B- | White | Green |
| 12 | Z+ | Blue | White |
| 13 | Z- | White | Blue |
| 14 | MCLR | Not Populated | |
| 15 | W- | Red | Orange |
| 16 | V- | Red | Blue |
| 17 | U- | Red | Brown |
| 18 | Case_GND | Not Populated | |



TOLERANCE:
±0.2" UNLESS OTHERWISE
SPECIFIED



same sky

6405 SW Rosewood St, Suite C
Lake Oswego, OR 97035
Phone: 877-323-3576

Website: www.sameskydevices.com

| | | |
|------------------------|-------------------|------------|
| ITEM NO: 977-7287R | | REV: C |
| PART NO: AMT-18C-3-036 | UNITS: INCHES[MM] | |
| DRAWN BY: RDS | APPROVED BY: | SCALE: 2:1 |

| | Part | QTY | Part# |
|---|------------|-----|------------------------------|
| 1 | Cable | 1 | Consolidated 5985-CL or EQV. |
| 2 | Connector | 1 | JST ZPDR-18V-S |
| 3 | Crimp Pins | 14 | JST SZPD-002T-P0.3 |

PC FILE NAME:
AMT-18C-3-036

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