

1. SCOPE:

- THIS SOURCE CONTROL DRAWING COVERS THE DETAILED REQUIREMENTS FOR FABRICATING THE STANDARD 2.0 METER FLYING LEAD MOTOR EXTENSION CABLE FOR 9 PIN JST PORT OF ERSC MODULES

2. APPLICABLE DOCUMENTS:

- NONE

3. REQUIREMENTS:

- REQUIREMENTS SHOWN ARE FOR A SINGLE INDIVIDUAL CABLE ASSEMBLY

4. QUALITY:

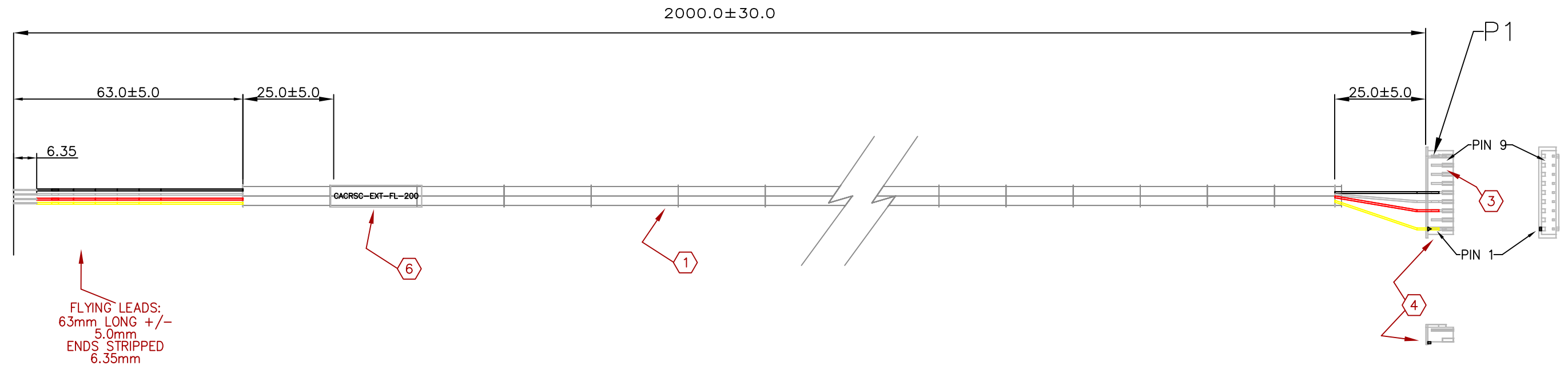
- CABLE SHALL NOT HAVE ANY OPEN OR SHORT CONNECTIONS BETWEEN PINS AND LEADS, NO MIS-WIRING, OR NO INTERMITTENT FAILURES
- CABLE SHALL BE CONTINUITY CHECKED ON ALL PINS
- CABLE SHALL HAVE 300 VDC TEST, INSULATION RESISTANCE OF 5 MΩ MINIMUM, AND CONDUCTANCE RESISTANCE OF 5.0Ω MAXIMUM
- BUYER RESERVES RIGHT TO TEST ANY PIECE FOR COMPLIANCE TO THESE REQUIREMENTS AND RETURN FOR CREDIT OR REPLACEMENT OF ANY NON-CONFORMING ITEM

5. PREPARATION FOR DELIVERY:

- CABLES ARE NOT TO BE INDIVIDUALLY PACKAGED AND ARE TO BE PACKAGED IN SINGLE BAGS OF 10 PIECES EACH

| BILL OF MATERIAL | | | | |
|------------------|---------|------------------|-----------------|--|
| REF | QTY | MANUFACTURER | PART NUMBER | DESCRIPTION |
| 1 | 2000 mm | BELDEN OR EQUIV. | 9423 OR EQUIV | CABLE, 22 AWG, 9 COND., UNSHIELDED, PVC JACKET, 150V, 80°C |
| 2 | | | | |
| 3 | 4 | JST | SXH-001-T-P00.6 | TERMINAL, CRIMP STYLE, 3A |
| 4 | 1 | JST | XHP-9 | CONNECTOR HOUSING, 2.5MM SPACING, FEMALE, 9 CIRCUIT, 3A |
| 5 | | | | |
| 6 | 1 | BRADY OR EQUIV | PS-375-2W-S | LABEL, HEAT-SHRINK SLEEVE, 2 in. X .125 X .320 |
| | | | | |
| | | | | |

| WIRING CHART | | |
|--------------|------------|-----------------|
| P1 PIN | WIRE COLOR | DISCRIPTION |
| 1 | YELLOW | GND |
| 2 | | |
| 3 | RED | MOTOR WINDING U |
| 4 | WHITE | MOTOR WINDING V |
| 5 | BLACK | MOTOR WINDING W |
| 6 | | |
| 7 | | |
| 8 | | |
| 9 | | |



SOURCE CONTROL DRAWING

PART NUMBER: CACRSC-EXT-FL-200

PART DESCRIPTION: **CABLE, FLYING LEAD MOTOR EXTENSION FOR ERSC, 2 METER**



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| | DESIGNED BY: | EST.NO: | FOR: CONTROL DRAWING |
| | CHECKED BY: | ORD.NO: | |
| | | SCALE: NONE | |
| | | SHEET: 1 | DWG. NO: CACRSC-EXT-FL-200 |
| REV. | DATE | DESCRIPTION | REV: |