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<td>5V</td>
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</table>

**NOTES:**

1. **DETAIL A:**
   - Fold back outer foil shield such that the silver surface is outside.
   - Wrap 0.008 inch copper foil, 0.010 inch over grommet, shield & drain wire.
   - Label for shield, outer shield, drain wire & coaxial space to 120 decimeters.
   - Silv/vel: Skived wire (from pin 1).

2. **DETAIL B:**
   - Cut cable wall and foil as shown below.
   - Inner foil: Inner shield.

3. **INFORMATION:**
   - Inner shield must be isolated from outer shield.

4. **LABELS:**
   - Labels for C20631 cables: (2) required, (1 at each end).
   - External shut down (motor thermistor).
   - Encoder fault.
   - Encoder common.
   - Setting (-5V).

5. **APPENDIX:**
   - Brushless feedback cable.

6. **DIAGRAM:**
   - Diagram of cable connection to controller.
   - Diagram of cable connection to motor interface.
   - Diagram of cable connection to encoder interface.

7. **DIAGRAMS:**
   - Diagram of cable connection to external shut down.
   - Diagram of cable connection to encoder fault.
   - Diagram of cable connection to encoder common.

8. **DIAGRAMS:**
   - Diagram of cable connection to setting (-5V).

9. **DIAGRAMS:**
   - Diagram of cable connection to external shut down (motor thermistor).
   - Diagram of cable connection to encoder fault.
   - Diagram of cable connection to encoder common.

10. **DIAGRAMS:**
    - Diagram of cable connection to setting (-5V).

**REFERENCES:**

- Aerotech Inc.
- REF 101 Zeta Drive Pittsburgh, PA 15238
- www.aerotech.com
- EIA281

**DRAWING:**

- 630C2063-1

**CHECKED:**

- RMS
- 10/15/04

**APPROVAL:**

- AGS
- 10/15/04

**REV:**

- 1

**SIZE:**

- R: 10 cm (4 in)

**DESCRIPTION:**

- Cable length: 1 to 120 decimeters.

**REVISIONS:**

- C20631-XX
- C20631-1 to 120
- Lengths 1 to 120 decimeters.

**PART CODE:**

- C20631-XX
- C20631-1 to 120
- Lengths 1 to 120 decimeters.