NOTES: UNLESS OTHERWISE SPECIFIED

1. WORKMANSHIP SHALL BE IN ACCORDANCE WITH NASA STD. 8739.4 FOR CABLE, CRIMP, AND HARNESSING, AND NASA STD. 8739.3 FOR HAND SOLDERING.

2. COMPRESS BACKSHELL BAND USING GLENAIR 600-058 BANDING TOOL.

3. TEST PER NASA STD 8739.4.

4. DESTINATION LABELS SHALL BE APPLIED BY SLAC PERSONEL AFTER CABLE FABRICATION AND SHALL BE PLACED WITHIN 3.00 INCHES FROM CONNECTORS.

5. ASSY IDENTIFICATION LABEL SHALL BE APPLIED AT THE CENTER OF THE CABLE.

6. TORQUE BACKSHELL TO 40 ± 5 INCH POUNDS PER GLENAIR SPECIFICATION.

CABLE INFORMATION
SEE SHEET 2

SEE DETAIL A FOR SHIELD INSTALLATION SEQUENCE, 2X

CONNECTOR KEY

BACKSHELL BAND
COPPER BRAID SHIELD
CABLE TIE
SHIELD SOCK
STEP 1
STEP 2

DETAIL A
SHIELD INSTALLATION SEQUENCE TYPICAL FOR BOTH ENDS OF CABLE

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### TABLE 1: PINOUT, 37 PIN CONTACT

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<th>Signal Name</th>
<th>Signal Type</th>
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<th>COLOR</th>
<th>SHIELD</th>
<th>ITEM 1 PIN</th>
<th>ITEM 11 PIN</th>
<th>Destination Item 1</th>
<th>Destination Item 11</th>
<th>Backshell Rotation Item 1</th>
<th>Backshell Rotation Item 11</th>
<th>Part Number</th>
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<th>QUANTITY</th>
<th>WIRE LENGTH PRE-TWISTED (INCHES)</th>
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</table>

### TABLE 2: WIRE LENGTH AND QUANTITY

- **Type of Wire:** 24 AWG, MIL-W-22759
- **Color Code:** Red, White
- **Length:** 453.6 inches
- **Quantity:** 1
- **Total (Feet):** 6.7

### NOTES
- **Connector View:** For Reference Only
- **Do Not Use as a Wiring Tool**
- **Unused Pins:** 19, 20, 27-37
- **Item 1 Mirrored Pinout, Socket Contact:**
  - Item 11 mirrored pinout, socket contact
    - Receptacle is mirror of plug
- **Notes:**
  - Unused pins 19, 20, 27-37
  - Right/Right
  - Left/Left
  - Right/Left
  - Left/Right
  - Straight
  - R, L
  - 4 TURNS PER INCH TWISTED