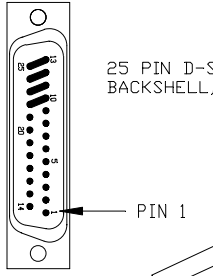


| REVISIONS | | | |
|-----------|-------------|------|-------|
| REV. | DESCRIPTION | DATE | DRAWN |
| | | | |

WIRE SIDE VIEW

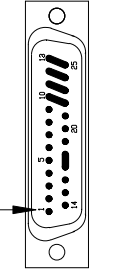


25 PIN D-STYLE MALE, ECK00101
BACKSHELL, ECK00656

| PIN | WIRE | SIGNAL |
|------|--------------|--------------|
| 13 | #22 W/GRN | MTR ØC |
| 12 | #22 W/VIO | MTR ØB |
| 11 | #22 RED/BLK | MTR ØA |
| 10 | #24 RED/ORN | MTR RETURN |
| 9 | GRY/RED | HALL C |
| 8 | GRY/BLK | HALL A |
| 7 | GRY | CCW/-LMT |
| 6 | BLU/BLK | LMT COM |
| 5 | #22 GRN | LMT COM |
| 5 | INNER SHIELD | INNER SHIELD |
| 5 | GRN/BLK | ENC COM |
| 4 | WHT/BRN | MKR-N |
| 3 | WHT/ORN | SIN-N |
| 2 | WHT/RED | COS-N |
| 1 | REMOVE PIN | REMOVE PIN |
| CASE | OUTER SHIELD | OUTER SHIELD |
| 14 | RED | COS |
| 15 | ORN | SIN |
| 16 | BRN | MKR |
| 17 | #22 VIO | ENC +5V |
| 17 | YEL/BLK | ENC +5V |
| 18 | PNK | ID |
| 19 | WHT | CW/+LMT |
| 20 | WHT/YEL | THERMISTOR |
| 21 | WHT/GRY | HALL B |
| 22 | #24 BLK/ORN | RETURN |
| 23 | BLK | MTR ØA |
| 24 | YEL | MTR ØB |
| 25 | BLU | MTR ØC |

ECX01182
26 COND., #22x5, #24x2, #26x13, #26x3Pair
ALL #26, UNLESS NOTED OTHERWISE

WIRE SIDE VIEW



25 PIN D-STYLE FEMALE, ECK00300
BACKSHELL, ECK00656

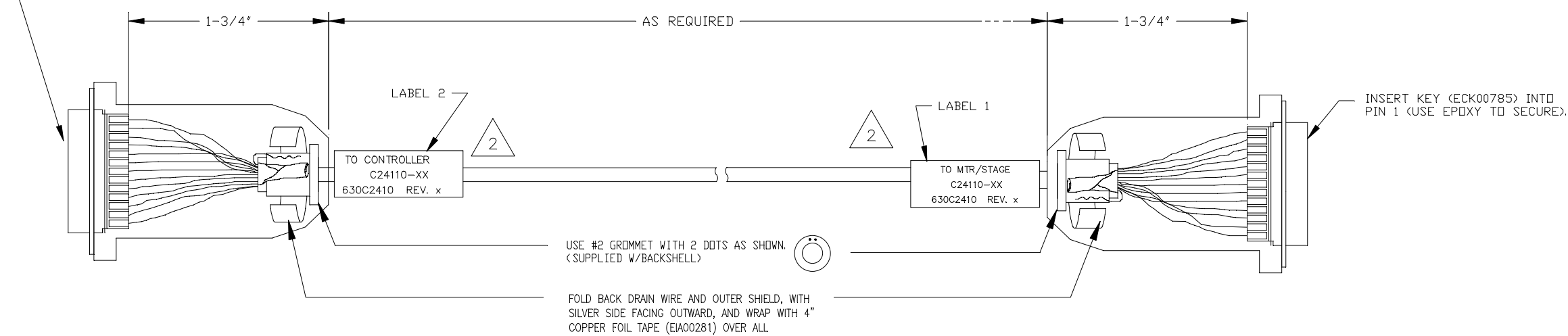
| SIGNAL | WIRE | PIN |
|--------------|--------------|------|
| MTR ØC | #22 W/GRN | 13 |
| MTR ØB | #22 W/VIO | 12 |
| MTR ØA | #22 RED/BLK | 11 |
| FRAME | #24 RED/ORN | 10 |
| HALL C | GRY/RED | 9 |
| HALL A | GRY/BLK | 8 |
| CCW/-LMT | GRY | 7 |
| LMT COM | BLU/BLK | 6 |
| LMT COM | #22 GRN | 6 |
| INNER SHIELD | INNER SHIELD | 5 |
| ENC COM | GRN/BLK | 5 |
| MKR-N | WHT/BRN | 4 |
| SIN-N | WHT/ORN | 3 |
| COS-N | WHT/RED | 2 |
| KEY | KEY | 1 |
| OUTER SHIELD | OUTER SHIELD | CASE |
| COS | RED | 14 |
| SIN | ORN | 15 |
| MKR | BRN | 16 |
| ENC +5V | #22 VIO | 17 |
| ENC +5V | YEL/BLK | 17 |
| ID | PNK | 18 |
| CW/+LMT | WHT | 19 |
| THERMISTOR | WHT/YEL | 20 |
| HALL B | WHT/GRY | 21 |
| FRAME | #24 BLK/ORN | 22 |
| MTR ØA | BLK | 23 |
| MTR ØB | YEL | 24 |
| MTR ØC | BLU | 25 |

INSERT KEY (ECK00785) INTO
PIN 1 (USE EPOXY TO SECURE).

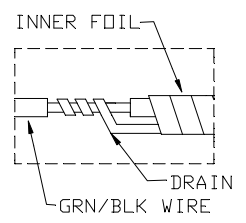
ADD GOLD JUMPER
EIK00351, 4 PLS.

ADD GOLD JUMPER
EIK00351, 4 PLS.

REMOVE PIN 1



3 INNER SHIELD TERMINATION
UNWRAP INNER FOIL SHIELD AS FAR BACK AS POSSIBLE. SEPARATE GRN/BLK WIRE INSULATION. SOLDER-SPLICE INNER DRAIN WIRE TO GRN/BLK WIRE. WRAP INNER FOIL SHIELD OVER SOLDER-SPLICE. COVER INNER BUNDLE, SPLICE & INNER SHIELD WITH SHRINK TUBING AS FAR IN CABLE AS POSSIBLE. CONNECT GRN/BLK WIRE TO PIN 5.
NOTE: INNER SHIELD MUST NOT TOUCH OUTER SHIELD OR BACKSHELL.



2 LABEL EACH END OF CABLE, EIA00113

1 STARTING CABLE LENGTH SHOULD BE 5 IN LONGER THAN TOTAL LENGTH OF CABLE. LENGTH OF CABLE IS DESIGNATED BY THE (XX) IN CABLE NAME.

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HTTP://www.aerotech.com

| TOLERANCES ON FRACTIONS DECIMALS ANGLES | | |
|---|-------------|-----------------|
| 0 TO 6 ± 1/32 | .XX ± .01 | ± 0-30' |
| OVER 6 ± 1/16 | .XXX ± .005 | |
| RMS FINISH | ✓ | EXCEPT AS NOTED |
| DRAWN | TES | 7/3/13 |
| CHECKED | JFM | 7/3/13 |
| APPD. | JFM | 7/3/13 |

C24100-xx
CABLE: BL MTR & FB-25DU-25DU-100DM MAX

| | | |
|-----------|------|--------------------------|
| PART CODE | SIZE | REV. |
| C24100-xx | C | - |
| SCALE NTS | | FILE NAME 630C241001.Dwg |
| SHEET 1 | | DF 1 |