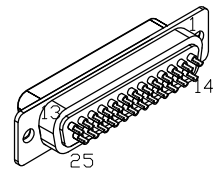


| REV. DESCRIPTION | | REVISIONS | |
|------------------|-------------|-----------|------|
| REV. | DESCRIPTION | DRAWN | DATE |
| | | | |



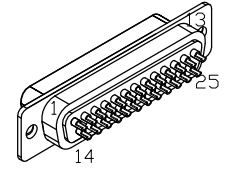
25-PIN D-MALE, ECK00101
BACKSHELL, ECK01057
ADD SCREW LOCKS

| PIN | WIRE | SIGNAL |
|------|--------------|--------------|
| 13 | W/BRN | PIEZO+ |
| 12 | GRN/YEL | FRM |
| 11 | BRN | COM |
| 10 | GRN | COM |
| 9 | - | - |
| 8 | REMOVE PIN | KEY |
| 7 | - | - |
| 6 | WHT | STAGE ID |
| 5 | - | GAIN 1 |
| 4 | - | GAIN 3 |
| 3 | - | - |
| 2 | BLK | COM |
| 1 | (YEL) SHIELD | REF SHIELD |
| CASE | SHIELD | OUTER SHIELD |
| 14 | YEL COAX | REF |
| 15 | W/BLK | COM |
| 16 | ORN | +3.3 VDC |
| 17 | - | - |
| 18 | YEL | -12 VDC |
| 19 | RED | +12 VDC |
| 20 | RED COAX | BIAS |
| 21 | (RED) SHIELD | BIAS SHIELD |
| 22 | BLU COAX | FDBK |
| 23 | (BLU) SHIELD | FDBK SHIELD |
| 24 | - | - |
| 25 | W/GRY | PIEZO- |

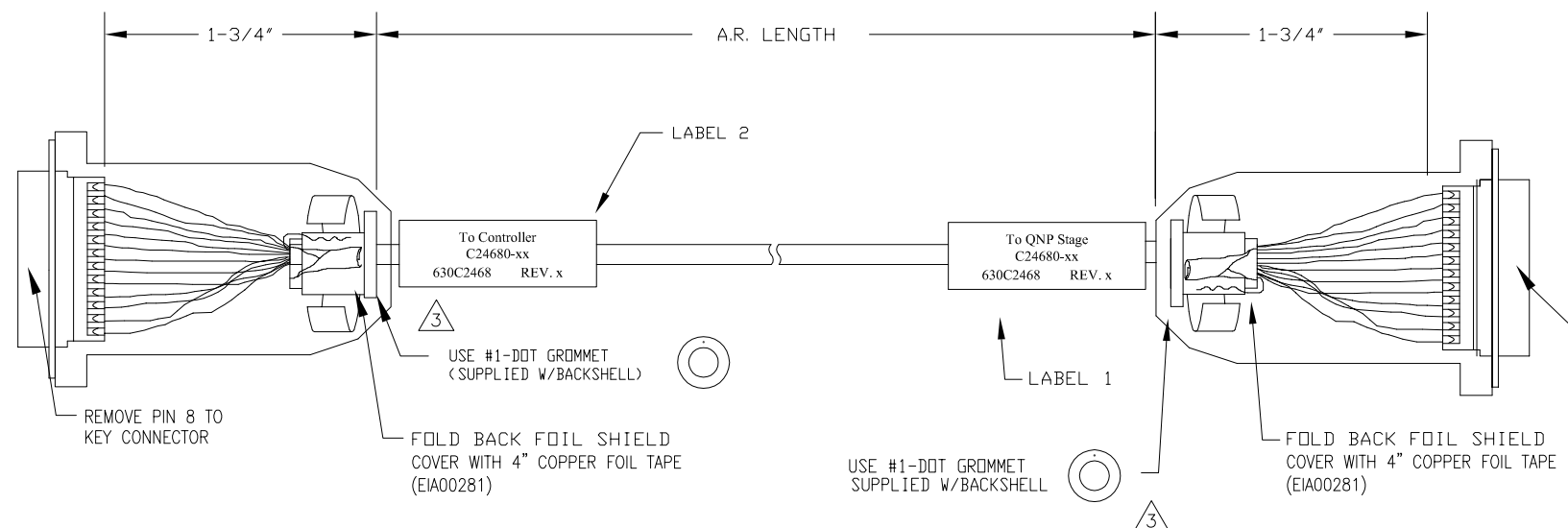
ECX01405
#24 AWG x11,
Coax x3

UNUSED WIRES:
None


| SIGNAL | WIRE | PIN |
|-------------|----------------|------|
| PIEZO+ | W/BRN | 13 |
| FRM | GRN/YEL | 12 |
| COM | BRN | 11 |
| COM | GRN | 10 |
| - | - | 9 |
| KEY | EPOXY ECK00785 | 8 |
| - | - | 7 |
| STAGE ID | WHT | 6 |
| GAIN 1 | - | 5 |
| GAIN 3 | - | 4 |
| - | - | 3 |
| COM | BLK | 2 |
| REF SHIELD | (YEL) SHIELD | 1 |
| SHIELD | OUTER SHIELD | CASE |
| REF | YEL COAX | 14 |
| COM | W/BLK | 15 |
| +3.3 VDC | ORN | 16 |
| - | - | 17 |
| -12 VDC | YEL | 18 |
| +12 VDC | RED | 19 |
| BIAS | RED COAX | 20 |
| BIAS SHIELD | (RED) SHIELD | 21 |
| FDBK | BLU COAX | 22 |
| FDBK SHIELD | (BLU) SHIELD | 23 |
| - | - | 24 |
| PIEZO- | W/GRY | 25 |



25 PIN D-FEMALE, ECK00300
BACKSHELL, ECK01057
JACKSOCKETS, ECK01482
SADDLE WASHER x2, ECK02154



- 4 There are 3 coax cables. Terminate each coax and its shield where indicated.
- 3 VERIFY GROMMET IS SECURED TIGHTLY AROUND CABLE. IF NECESSARY BUILD UP WITH SHRINK TUBING.
- 2 ADD LABELS, 2 PLS.
 - CABLE DESCRIPTION
 - CABLE NAME AND LENGTH IN DECIMETERS (xx) (SEE LABEL 1 & 2) C24680-xx
 - DRAWING NUMBER 630C2468
 - CURRENT REVISION x REV. x
 - LABEL EIA00113 TEXT STYLE: PRESTIGE PICA 10pt
- 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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| TOLERANCES ON FRACTIONS DECIMALS ANGLES 0 TO 6 ± 1/32 .XX ± .01 ± 0-30' OVER 6 ± 1/16 .XXX ± .005 | | QNP Piezo Stage Extension Cable PZ MTR & FB-25DU-25DU-HF-MAX100DM | |
| RMS FINISH | EXCEPT AS NOTED | PART CODE | SIZE |
| DRAWN | JFM 5/29/2014 | C24680-XX | C |
| CHECKED | ARW 5/29/2014 | 630C2468 | |
| APPD. | JFM 5/29/2014 | SCALE NTS | FILE NAME 630C246801.Dwg |
| | | SHEET | 1 OF 1 |