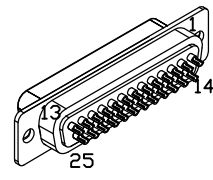


REVISIONS			
REV.	DESCRIPTION	DRAWN	DATE



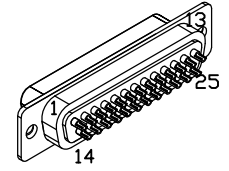
25-PIN D-MALE, ECK00101  
BACKSHELL, ECK01057  
ADD SCREW LOCKS

PIN	WIRE	SIGNAL
13	W/BRN	PIEZO+
12	GRN/YEL	FRM
11	W/ORN	COM
10	W/YEL	COM
9	W/BLU	COM
8	REMOVE PIN	KEY
7	GRN	COM
6	WHT	STAGE ID
5	-	GAIN 1
4	-	GAIN 3
3	BRN	COM
2	BLK	COM
1	(YEL) SHIELD	REF SHIELD
CASE	SHIELD	OUTER SHIELD
14	YEL COAX	REF
15	W/RED	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-

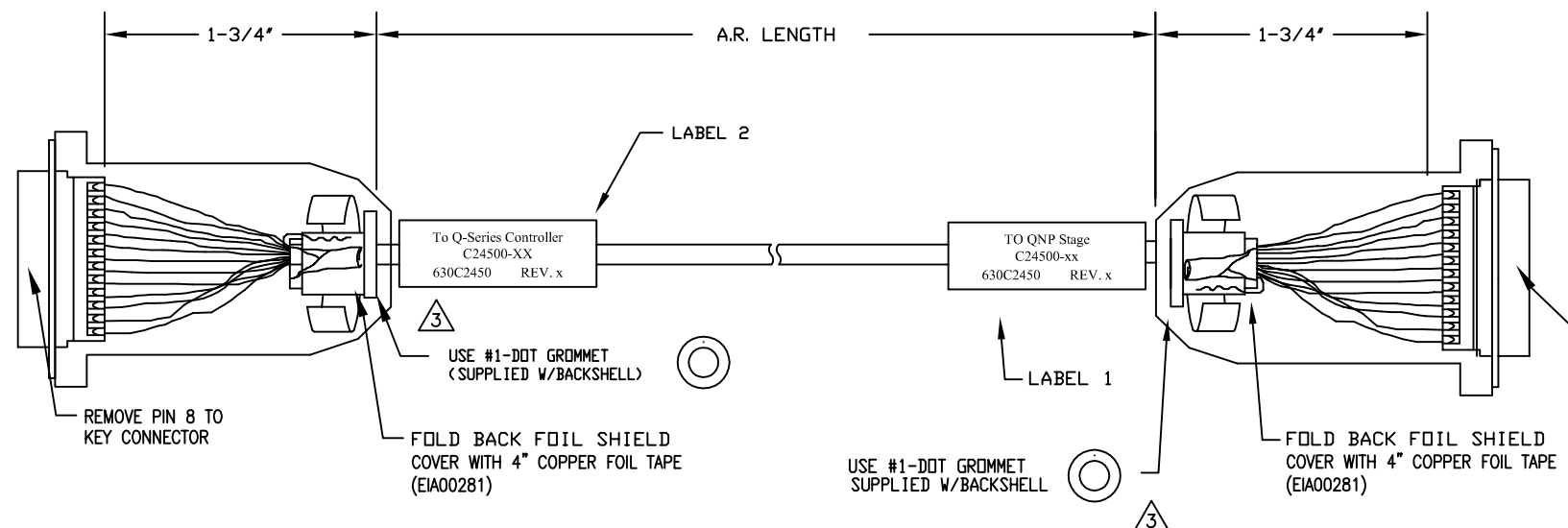
ECX01395  
All #24 AWG,  
except where noted.

UNUSED WIRES:  
#24 W/GRN,  
#28 BLU, #28 VIO,  
#28 TP PNK, #28 TP GRY

SIGNAL	WIRE	PIN
PIEZO+	W/BRN	13
FRM	GRN/YEL	12
COM	W/ORN	11
COM	W/YEL	10
COM	W/BLU	9
KEY	EPOXY ECK00785	8
COM	GRN	7
STAGE ID	WHT	6
GAIN 1	-	5
GAIN 3	-	4
COM	BRN	3
COM	BLK	2
REF SHIELD	(YEL) SHIELD	1
SHIELD	OUTER SHIELD	CASE
REF	YEL COAX	14
COM	W/RED	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) C24500-xx
  - LABEL EIA00113 TEXT STYLE: PRESTIGE PICA 10pt
  - DRAWING NUMBER 630C2450
  - CURRENT REVISION x REV. x
- 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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<b>QNP Piezo Stage Extension Cable</b> PZ MTR & FB-25DU-25DU-MAX100DM			
TOLERANCES ON FRACTIONS DECIMALS ANGLES 0 TO 6 ± 1/32 .XX ± .01 ± 0-30' OVER 6 ± 1/16 .XXX ± .005		RMS FINISH <input checked="" type="checkbox"/> EXCEPT AS NOTED	
DRAWN JFM 12/23/2013 CHECKED ARW 12/23/2013 APPD. JFM 12/23/2013	PART CODE C24500-XX SCALE NTS FILE NAME 630C245001.Dwg	SIZE C <b>630C2450</b> SHEET 1 OF 1	REV. -