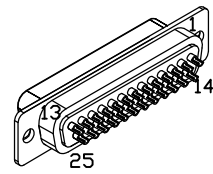


REVISIONS			
REV.	DESCRIPTION	DRAWN	DATE



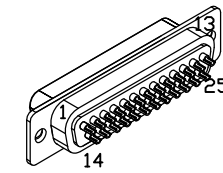
25-PIN D-MALE, ECK00101
BACKSHELL, ECK01057

PIN	WIRE	SIGNAL
13	#28 W/BRN	PIEZO+
12	#28 GRN/YEL	FRM
11	GRY/WHT	COM
10	BLK/WHT	COM
9	W/GRN	COM
8	REMOVE PIN	KEY
7	BRN/WHT	COM
6	#28 WHT	STAGE ID
5	-	-
4	-	-
3	W/BLK	COM
2	BLK	COM
1	(YEL) SHIELD	REF SHIELD
CASE	OUTER SHIELD	OUTER SHIELD
14	YEL COAX	REF
15	BRN	COM
16	#28 ORN	+3.3 VDC
17	-	-
18	#28 YEL	-12 VDC
19	#28 RED	+12 VDC
20	RED COAX	BIAS
21	(RED) SHIELD	BIAS SHIELD
22	BLU COAX	FDBK
23	(BLU) SHIELD	FDBK SHIELD
24	-	-
25	#28 W/GRY	PIEZO-

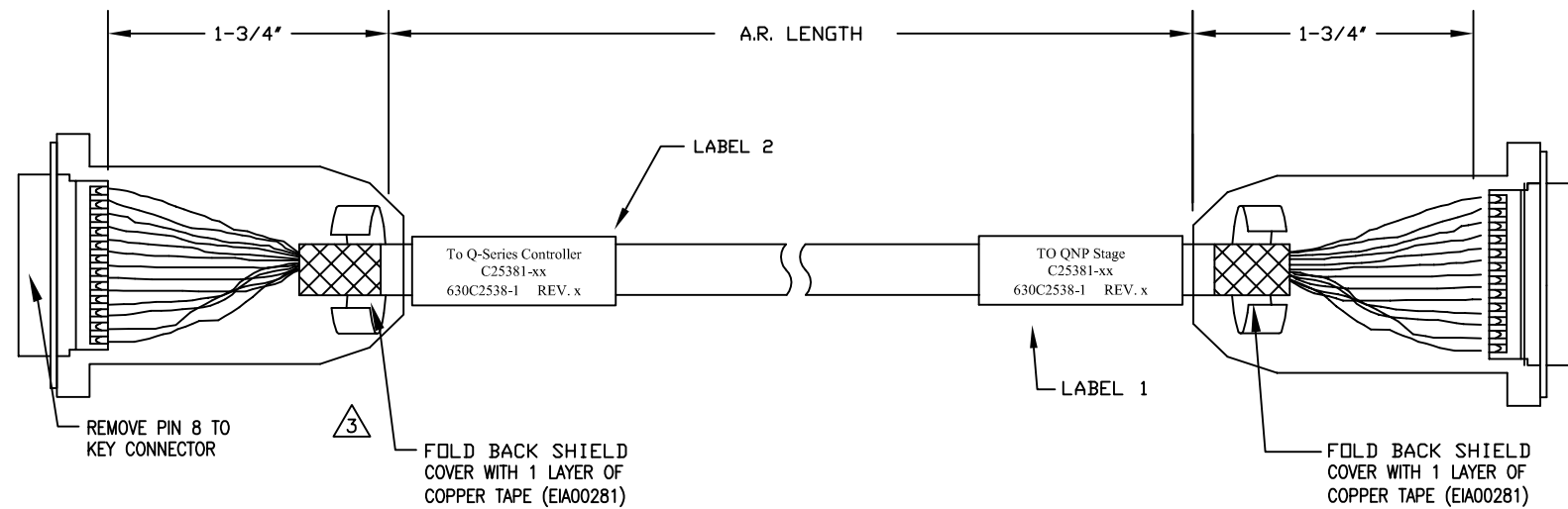
ECX01426
#28 AWG x7, #26 AWG x8
COAX x3
(#26 UNLESS NOTED)

UNUSED WIRES:
NONE

SIGNAL	WIRE	PIN
PIEZO+	#28 W/BRN	13
FRM	#28 GRN/YEL	12
COM	GRY/WHT	11
COM	BLK/WHT	10
COM	W/GRN	9
-	-	8
COM	BRN/WHT	7
STAGE ID	#28 WHT	6
-	-	5
-	-	4
COM	W/BLK	3
COM	BLK	2
REF SHIELD	(YEL) SHIELD	1
OUTER SHIELD	OUTER SHIELD	CASE
REF	YEL COAX	14
COM	BRN	15
+3.3 VDC	#28 ORN	16
-	-	17
-12 VDC	#28 YEL	18
+12 VDC	#28 RED	19
BIAS	RED COAX	20
BIAS SHIELD	(RED) SHIELD	21
FDBK	BLU COAX	22
FDBK SHIELD	(BLU) SHIELD	23
-	-	24
PIEZO-	#28 W/GRY	25



25 PIN D-FEMALE, ECK00300
BACKSHELL, ECK01057



- 4 CABLE FITS TIGHTLY. CLAMP/COMPRESS BACKSHELL TO TIGHTEN SCREWS.
- 4 THERE ARE 3 COAX CABLES. TERMINATE EACH COAX CABLE AND ITS SHIELD WHERE INDICATED.
- 3 COPPER TAPE SHOULD NOT EXTEND OUTSIDE THE BACKSHELL
- 2 ADD LABELS, 2 PLS.
 - CABLE DESCRIPTION
 - CABLE NAME AND LENGTH IN DECIMETERS (xx) (SEE LABEL 1 & 2) C25381-xx
 - LABEL EIA00113 TEXT STYLE: PRESTIGE PICA 10pt
 - DRAWING NUMBER 630C2538-1 REV. x
 - CURRENT REVISION 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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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	EJB	11/18/15
CHECKED	EJB	11/18/15
APPD.	EJB	11/18/15

QNP Piezo Stage Cable for Vacuum FeedThrough Use PZ MTR & FB-25DU-NOKEY-MAX100DM	
PART CODE C25381-XX	SIZE C
630C2538-1	
SCALE NTS	FILE NAME 630C2538-101.Dwg
SHEET 1 OF 1	REV. -