

REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPROVAL

AMP PLUG #745496-2 (ECK00786)
 AMPHENDL BACKSHELL #17-1726-2 (ECK00656)
 JACKSOCKETS (ECK00129)

CONSOLIDATED (STANDARD)
 (26 COND.), ECX01182

PIN	WIRE	SIGNAL
13	BLU/BLK	BRAKE -
12	WHT	CW/+ LMT
11	GRY/RED	HC
10	GRY/BLK	HA
9	#22 RED/BLK	SETUP (-5V)
8	WHT/YEL	ABS ENCODER DATA-
7	BRN	MKR
6	WHT/BRN	MKR-N
5	WHT/GRY	HB
4	GRN/BLK	STAGE ID
3(1/2)	#22 VIO	ENC +5V
3(2/2)	#22 WHT/VIO	ENC +5V
2	BLK	EXT SD
1	OUTER SHIELD	OUTER SHIELD

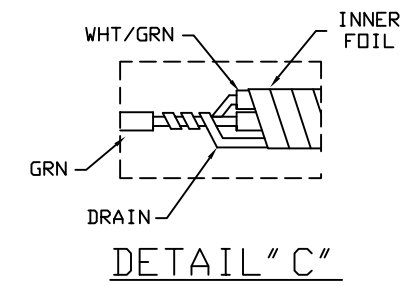
14	RED	COS
15	WHT/RED	COS-N
16	#24 RED/ORN	LMT +5V
17	ORN	SIN
18	WHT/ORN	SIN-N
19	YEL	ABS ENCODER DATA+
20	#24 BLK/ORN	LMT COM
21(1/3)	#22 GRN	ENC COM
21(2/3)	#22 WHT/GRN	ENC COM
21(3/3)	INNER SHIELD	INNER SHIELD
22	PNK	HOME LMT
23	YEL/BLK	ENC FLT
24	GRY	CCW/- LMT
25	BLU	BRAKE+

AMP SOCKET #745495-2 (ECK00789)
 AMPHENDL BACKSHELL #17-1726-2 (ECK00656)

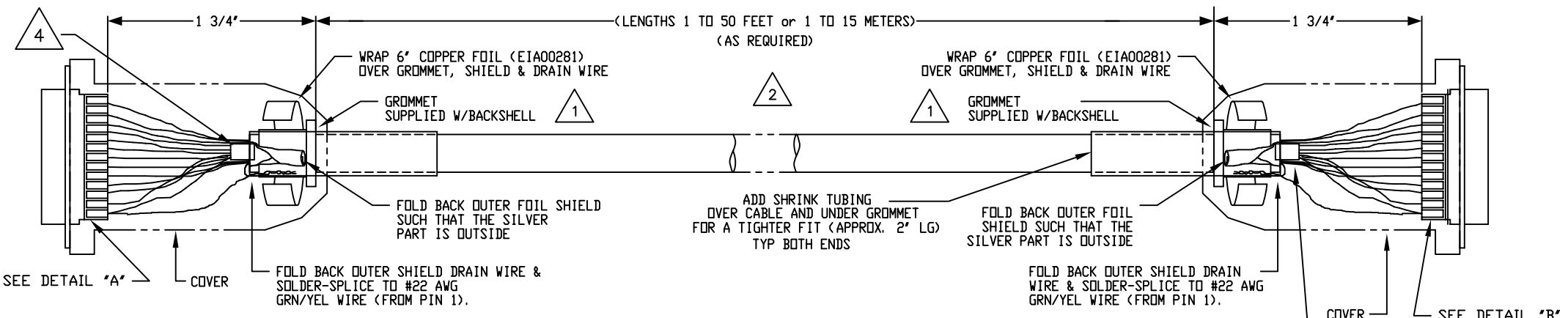
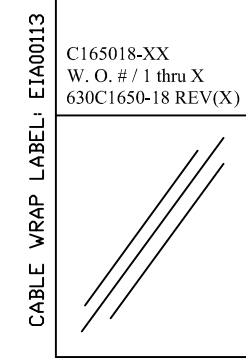
CONSOLIDATED (STANDARD)
 (26 COND.), ECX01182

SIGNAL	WIRE	SOCKET
OUTER SHIELD	OUTER SHIELD	1
EXT SD	BLK	2
ENC +5V	#22 VIO	3(1/2)
ENC +5V	#22 WHT/VIO	3(2/2)
STAGE ID	GRN/BLK	4
HB	WHT/GRY	5
MKR-N	WHT/BRN	6
MKR	BRN	7
ABS ENCODER DATA-	WHT/YEL	8
SETUP (-5V)	#22 RED/BLK	9
HA	GRY/BLK	10
HC	GRY/RED	11
CW/+ LMT	WHT	12
BRAKE-	BLU/BLK	13

BRAKE+	BLU	25
CCW/- LMT	GRY	24
ENC FLT	YEL/BLK	23
HOME LMT	PNK	22
ENC COM	#22 GRN	21(1/2)
ENC COM	#22 WHT/GRN	21(2/2)
LMT COM	#24 BLK/ORN	20
ABS ENCODER DATA+	YEL	19
SIN-N	WHT/ORN	18
SIN	ORN	17
LMT +5V	#24 RED/ORN	16
COS-N	WHT/RED	15
COS	RED	14
INNER SHIELD	INNER SHIELD	N.C.

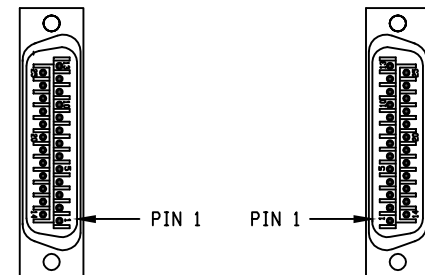
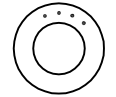


LABELS FOR
 C165018 CABLES:
 (2) REQUIRED,
 (1 AT EACH END)



4 UNWRAP INNER FOIL SHIELD AS FAR BACK AS POSSIBLE. SEPARATE GREEN WIRE INSULATION. SOLDER-SPLICE WHT/GRN & INNER DRAIN WIRES TO GREEN WIRE. WRAP INNER FOIL SHIELD OVER SOLDER-SPLICE. COVER INNER BUNDLE, SPLICE & INNER SHIELD WITH SHRINK TUBING AS FAR IN CABLE AS POSSIBLE. CONNECT GREEN WIRE TO PIN 21. SEE DETAIL 'C'. NOTE: INNER SHIELD MUST NOT TOUCH OUTER SHIELD OR BACKSHELL.

- 3 FOR CRIMP TOOL USE AMP HANDLE ASSY 58074-1 WITH AMP HEAD ASSY 58063-2
- 2 STARTING CABLE LENGTH = 6" LONGER THAN REQUIRED LENGTH.
- 1 USE #4 GROMMET WITH 4 DOTS AS SHOWN BELOW WHICH IS SUPPLIED W/BACKSHELL



PART CODE:	C165018-XX	C165018-1 TO -150 MAX LENGTH (DECIMETERS)
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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	11/1/13
CHECKED	AGS	11/1/13
APPD.	AGS	11/1/13

AEROTECH
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BRUSHLESS FEEDBACK CABLE 150 DECIMETERS (50') MAX LENGTH CABLE: BL FB-25DUJS-25DU-EX-MAX150DM			
PART CODE	SIZE	REV.	
SEE ABOVE	C 630C1650-18	-	
SCALE NTS	FILE NAME 630C1650-1801.DWG	SHEET	1 OF 1