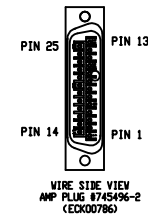
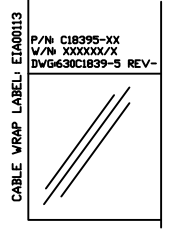


AMP PLUG, #745496-2 (ECK00786)
AMPHENDL BACKSHELL #17-1726-2 (ECK00656)



PIN	WIRE	SIGNAL
13	BLU/BLK	BRK-
12	WHT	CW/+ LMT
11	GRY/RED	HC
10	GRY/BLK	HA
9	#22 RED/BLK	SETUP (-5V)
8	WHT/YEL	TACH-
7	BRN	MKR
6	WHT/BRN	MKR-N
5	WHT/GRY	HB
4	GRN/BLK	COM
3(1/2)	#22 VIO	ENC +5V
3(2/2)	#22 WHT/VIO	ENC +5V
2	BLK	EXT SD
1	OUTER SHLD	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	TACH+
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 SHLD	INNER SHIELD
22	PINK	HM LMT
23	YEL/BLK	ENC FLT
24	GRY	CCW/- LMT
25	BLU	BRK+

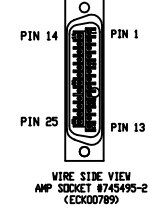
LABELS:
(2) REQUIRED,
(1 AT EACH END)



CONSOLIDATED (STANDARD)
(26 COND.), ECK01182
UNUSED WIRES: NONE

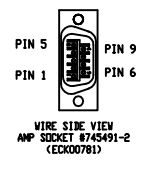
AMP SOCKET, #745495-2 (ECK00789)
AMPHENDL BACKSHELL #17-1726-2 (ECK00656)

SIGNAL	WIRE	SOCKET
SHIELD	OUTER SHLD	1
	LIMIT SHLD	
EXT SD	BLK	2
ENC +5V	#22 VIO	3(1/2)
ENC +5V	#22 WHT/VIO	3(2/2)
COM	GRN/BLK	4
HB	WHT/GRY	5
MKR-N	WHT/BRN	6
MKR	BRN	7
TACH-	WHT/YEL	8
SETUP (-5V)	#22 RED/BLK	9
HA	GRY/BLK	10
HC	GRY/RED	11
-	-	12
-	-	13
-	-	25
-	-	24
ENC FLT	YEL/BLK	23
-	-	22
ENC COM	#22 GRN	21(1/2)
ENC COM	#22 WHT/GRN	21(2/2)
-	-	20
TACH+	YEL	19
SIN-N	WHT/ORN	18
SIN	ORN	17
-	-	16
COS-N	WHT/RED	15
COS	RED	14
INNER SHIELD	INNER SHLD	N.C.

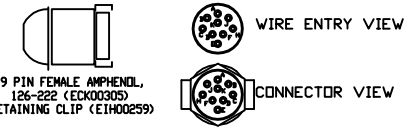


AMP SOCKET, #745491-2 (ECK00781)
AMPHENDL BACKSHELL #17-1724-2 (ECK01021)

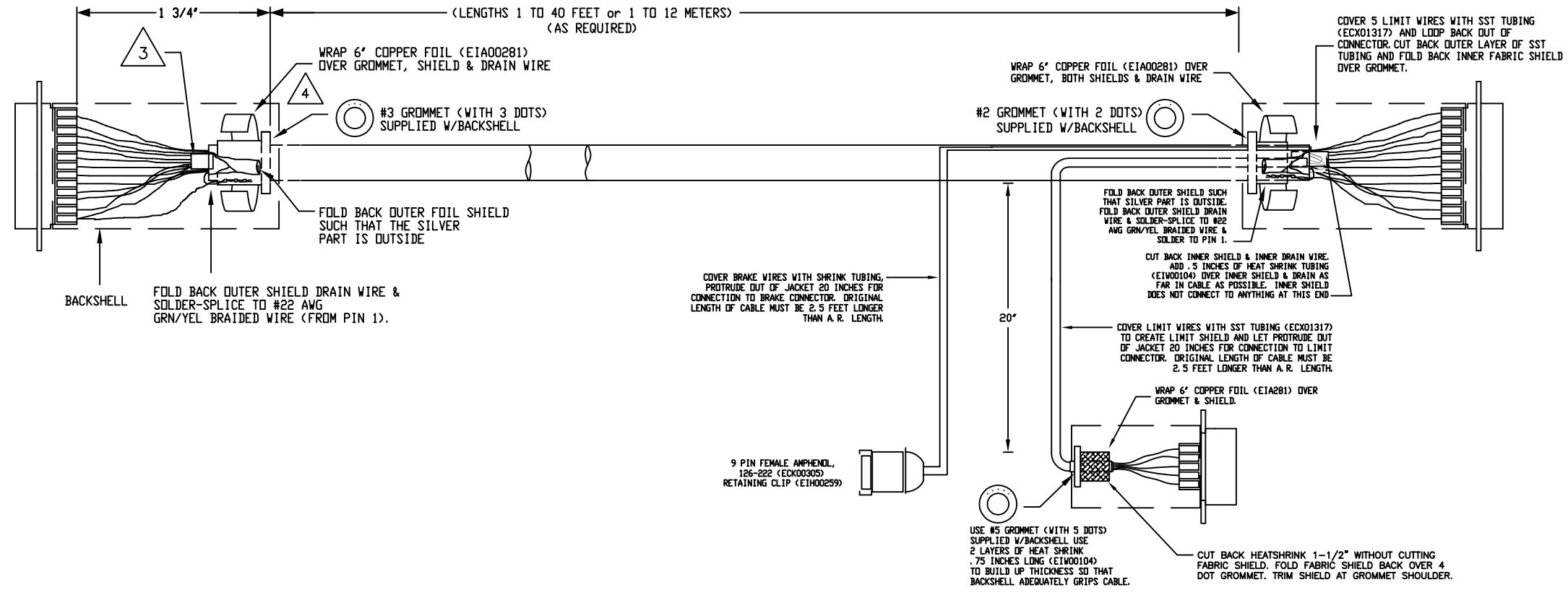
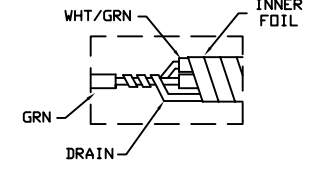
SIGNAL	WIRE	SOCKET
LMT +5V	#24 RED/ORN	1
LMT COM	#24 BLK/ORN	2
CW/+ LMT	WHT	3
HM LMT	PINK	4
CCW/- LMT	GRY	5
LIMIT SHIELD	SHIELD	CASE



SIGNAL	WIRE	PIN
BRAKE-	BLU/BLK	A
BRAKE+	BLU	B



- 4 USE HEATSHRINK TUBING TO BUILD UP THICKNESS OF CABLE SO THAT BACKSHELL ADEQUATELY GRIPS CABLE.
- 3 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 FOIL WITH .5 INCHES OF SHRINK TUBING (E1W00104) AS FAR IN CABLE AS POSSIBLE. CONNECT GREEN WIRE TO PIN 21.
NOTE: INNER SHIELD MUST NOT TOUCH OUTER SHIELD OR BACKSHELL.
- 2 FOR CRIMP TOOL USE AMP HANDLE ASSY 58074-1 WITH AMP HEAD ASSY 58063-2
- 1 STARTING CABLE LENGTH = 2.5 FT BEYOND SPECIFIED LENGTH OF CABLE DO NOT EXCEED LENGTH OF 40 FT FOR THIS DESIGN



QTY: 1
WORK ORDER NUMBER: #####
CUSTOMER NAME: XXXXXXXX
ORDER NUMBER: #####
APPROVED BY: XXX RELEASE DATE: #####
FILENAME: ##### 630C1839-501 C18395 Cable.Dwg

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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

BRUSHLESS FEEDBACK CABLE
120 DECIMETERS (40') MAX LENGTH
CABLE: BL FB-25DU-25DU 9DU 9A

DRAWN	AGS	10-19-09	PART CODE	SIZE	630C1839-5	REV.	-
CHECKED	JAB	10-19-09	C18391	C			
APPD.	JAB	10-19-09	SCALE NTS	FILE NAME	630C1839-501.DWG	SHEET	1 OF 1