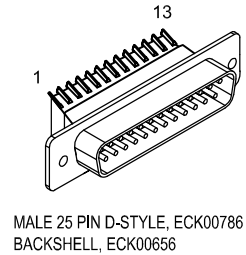


REVISIONS		DATE	APPROVAL
REV.	DESCRIPTION		
A	ADDED ECO 69	8/18/17	JFM

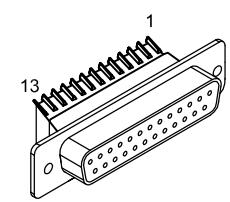
PIN	WIRE	SIGNAL
13	BLU/BLK	BRAKE -
12	WHT	CW/+ LMT
11	GRY/RED	HC
10	GRY/BLK	HA
9	#22 RED/BLK	SETUP (-5V)
8	WHT/YEL	ABS ENCODER DATA-
7	BRN	MKR
6	WHT/BRN	MKR-N
5	WHT/GRY	HB
4	GRN/BLK	STAGE ID
3	#22 VIO	ENC +5V
2	BLK	EXT SD
1	-	-
CASE	OUTER SHIELD	OUTER SHIELD
14	RED	COS
15	WHT/RED	COS-N
16	#24 RED/ORN	LMT +5V
17	ORN	SIN
18	WHT/ORN	SIN-N
19	YEL	ABS ENCODER DATA+
20	#24 BLK/ORN	LMT COM
21	#22 GRN	ENC COM
21	#22 WHT/GRN	ENC COM
21	INNER SHIELD	INNER SHIELD
22	PNK	HOME LMT
23	YEL/BLK	ENC FLT
24	GRY	CCW/- LMT
25	BLU	BRAKE+

SIGNAL	WIRE	SOCKET
OUTER SHIELD	OUTER SHIELD	CASE
-	-	1
EXT SD	BLK	2
ENC +5V	#22 VIO	3
STAGE ID	#22 WHT/VIO	4
HB	GRN/BLK	5
MKR-N	WHT/GRY	6
MKR	WHT/BRN	7
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
LMT COM	#22 WHT/GRN	21
ABS ENCODER DATA+	#24 BLK/ORN	20
SIN-N	YEL	19
SIN	WHT/ORN	18
SIN	ORN	17
LMT +5V	PNK	16
COS-N	#24 RED/ORN	16
COS	WHT/RED	15
COS	RED	14
INNER SHIELD	INNER SHIELD	N.C.

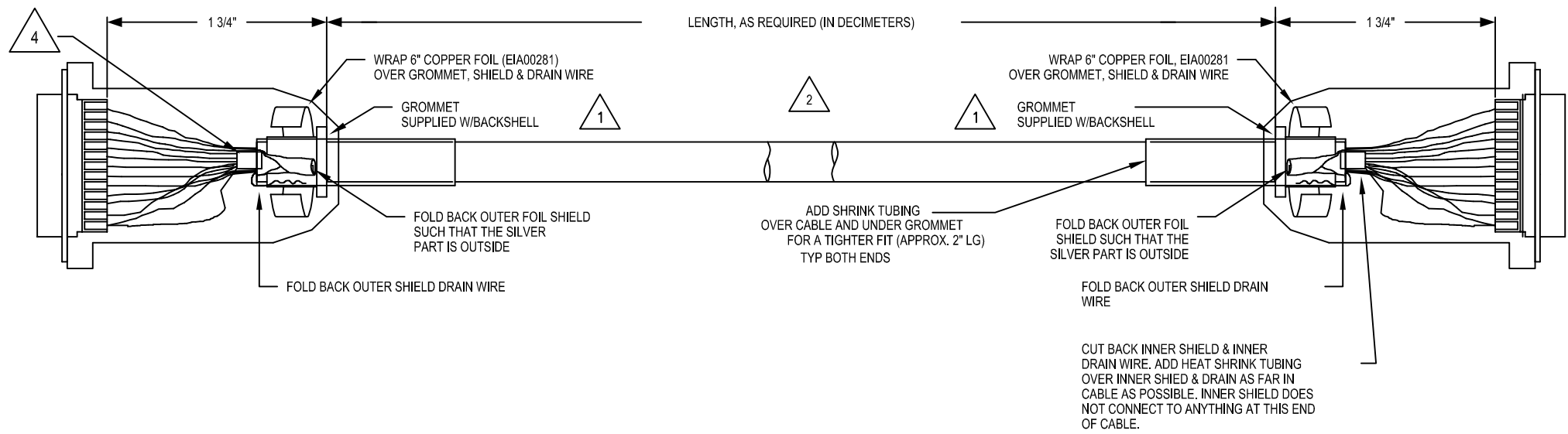
ECX01182, 26 COND
UNUSED WIRES: NONE



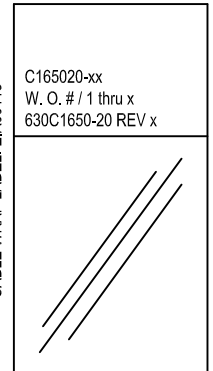
MALE 25 PIN D-STYLE, ECK00786
BACKSHELL, ECK00656



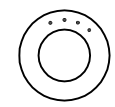
FEMALE 25 PIN D-STYLE, ECK00789
BACKSHELL, ECK00656
JACK SOCKETS, ECK00129



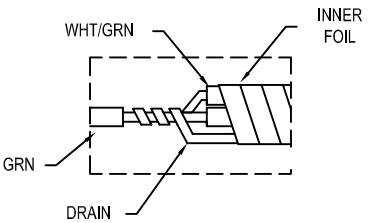
LABELS:
2 REQUIRED,
(1 AT EACH END)




- 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 DOT GROMMET WHICH IS SUPPLIED W/BACKSHELL



- 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. NOTE: INNER SHIELD MUST NOT TOUCH OUTER SHIELD OR BACKSHELL.



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TOLERANCES ON FRACTIONS DECIMALS ANGLES 0 TO 6 ±/32 .XX ±01 ± 0-30° OVER 6 ±/16 .XXX ±005			BRUSHLESS FEEDBACK CABLE		
RMS FINISH <input checked="" type="checkbox"/> EXCEPT AS NOTED			CABLE: BL FB-25D-25DJS-EX-MAX150DM		
DRAWN	AGS	3/03/14	PART CODE	SIZE	REV.
CHECKED	EJB	3/03/14	C165020	C	A
APPD.	EJB	3/03/14	SCALE	FILE NAME	SHEET
			NTS	630C1650-20.DWG	1 OF 1