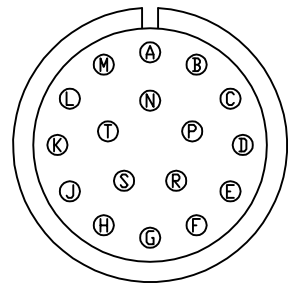


REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPROVAL
A	-	ADDED ECN16051	9/4/14	TES

AMP PLUG #745496-2 (ECK786)
 AMPHENDL BACKSHELL #17-1726-2 (ECK656) 3



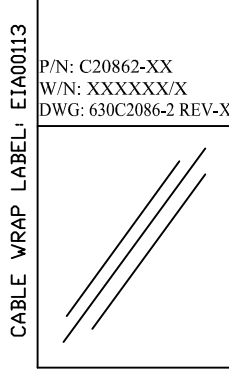
DETAIL "B"
 VIEWED FROM WIRE SIDE OF CONNECTOR
 AMPHENDL SOCKET INSERT MS20-29S (MCM464)

STRAIGHT PLUG MS3106A-20 (MCM454)
 INSERT MS20-29S (MCM464)
 CLAMP 97-3057-1012 (MCM457)
 BUSHING AN3055-22-12 (MCM493)

SIGNAL	WIRE	SOCKET
ENC +5V	#22 VIO	H(1/7)
ENC +5V	#22 WHT/VIO	H(2/7)
ENC +5V	#24 RED/ORN	H(3/7)
ENC +5V	#26 YEL/BLK	H(4/7)
ENC +5V	#26 WHT/YEL	H(5/7)
ENC +5V	#26 YEL	H(6/7)
ENC +5V	#26 WHT	H(7/7)
ENC COM	#22 GRN	G(1/6)
ENC COM	#22 WHT/GRN	G(2/6)
ENC COM	#26 BLU	G(3/6)
ENC COM	#26 BLU/BLK	G(4/6)
ENC COM	#26 GRN/BLK	G(5/6)
ENC COM	#24 BLK/ORN	G(6/6)

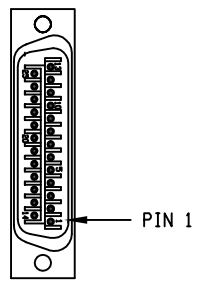
THERM	#26 BLK	L
MKR-N	#26 WHT/BRN	F
MKR	#26 BRN	E
OUTER SHIELD	#26 GRN/YEL	J
BRAKE +	#22 RED/BLK	S
HA	#26 GRY/BLK	K
BRAKE -	#26 PINK	T
BRAKE -	#26 GRAY	T
HC	#26 GRY/RED	P
SIN-N	#26 WHT/ORN	D
SIN	#26 ORN	C
HB	#26 WHT/GRY	M
COS-N	#26 WHT/RED	B
COS	#26 RED	A
INNER SHIELD	#26 INNER SHIELD	NC

LABELS FOR
 C20862 CABLES:
 (2) REQUIRED,
 (1 AT EACH END)

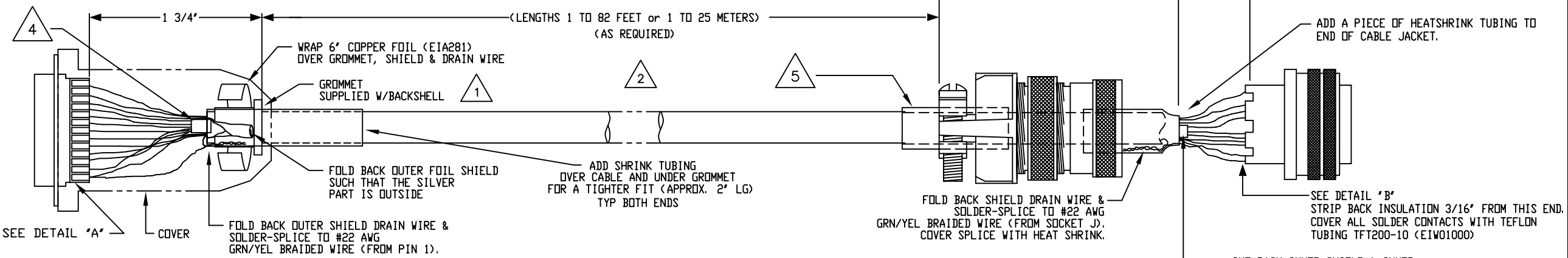


PIN	WIRE	SIGNAL
13(1/2)	#26 PINK	BRAKE -
13(2/2)	#26 GRAY	BRAKE -
11	#26 GRY/RED	HC
10	#26 GRY/BLK	HA
7	#26 BRN	MKR
6	#26 WHT/BRN	MKR-N
5	#26 WHT/GRY	HB
3(1/7)	#22 VIO	ENC +5V
3(2/7)	#22 WHT/VIO	ENC +5V
3(3/7)	#24 RED/ORN	ENC +5V
3(4/7)	#26 YEL/BLK	ENC +5V
3(5/7)	#26 WHT/YEL	ENC +5V
3(6/7)	#26 YEL	ENC +5V
3(7/7)	#26 WHT	ENC +5V
2	#26 BLK	THERM
1	#26 OUTER SHIELD #22 GREEN/YEL	OUTER SHIELD
14	#26 RED	COS
15	#26 WHT/RED	COS-N
17	#26 ORN	SIN
18	#26 WHT/ORN	SIN-N
21(1/6)	#22 GRN	ENC COM
21(2/6)	#22 WHT/GRN	ENC COM
21(3/6)	#26 BLU	ENC COM
21(4/6)	#26 BLU/BLK	ENC COM
21(5/6)	#26 GRN/BLK	ENC COM
21(6/6)	#24 BLK/ORN	ENC COM
20	#26 INNER SHIELD #22 GREEN	INNER SHIELD
25	#22 RED/BLK	BRAKE+

CABLE: FEEDBACK 26 COND SLD, CONSOLIDATED (ECX01182)



DETAIL "A"
 AMP PLUG #745496-2 (ECK786)



4 UNWRAP INNER FOIL SHIELD AS FAR BACK AS POSSIBLE. SOLDER-SPLICE #22 GRN WIRE FROM PIN 20 TO INNER DRAIN WIRE. WRAP INNER FOIL SHIELD OVER SOLDER-SPLICE. COVER INNER BUNDLE, SPLICE & INNER SHIELD WITH SHRINK TUBING AS FAR IN CABLE AS POSSIBLE.
 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\"

1 USE #2 GROMMET WITH 2 DOTS AS SHOWN BELOW WHICH IS SUPPLIED W/BACKSHELL

5 USE 2\"

CUT THICK WALL HEATSHRINK TUBING WITH CABLE CUTTER SUCH THAT ENDS ARE PERPENDICULAR TO CABLE AND CUT IS SMOOTH. THICK WALL HEATSHRINK TUBING

PART CODE:	C20862-XX	C20862-10 TO 250	LENGTHS 1 TO 25 MTR
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TOLERANCES ON FRACTIONS DECIMALS ANGLES 0 TO 6 ± 1/32 .XX ± .01 ± 0-30' OVER 6 ± 1/16 .XXX ± .005	BRUSHLESS FDBACK CABLE (LESS LMTS) 250 DECIMETERS (82') MAX LENGTH CABLE: BL FB-25DU-17MS-MAX250DM		
RMS FINISH <input checked="" type="checkbox"/> EXCEPT AS NOTED	DRAWN	TES	3/31/09
CHECKED	AGS	3/31/09	
APPD.	AGS	3/31/09	
PART CODE	SIZE	REV.	
SEE ABOVE	C	630C2086-2	A
SCALE NTS	FILE NAME 630C2086-2A1.DWG	SHEET	1 OF 1