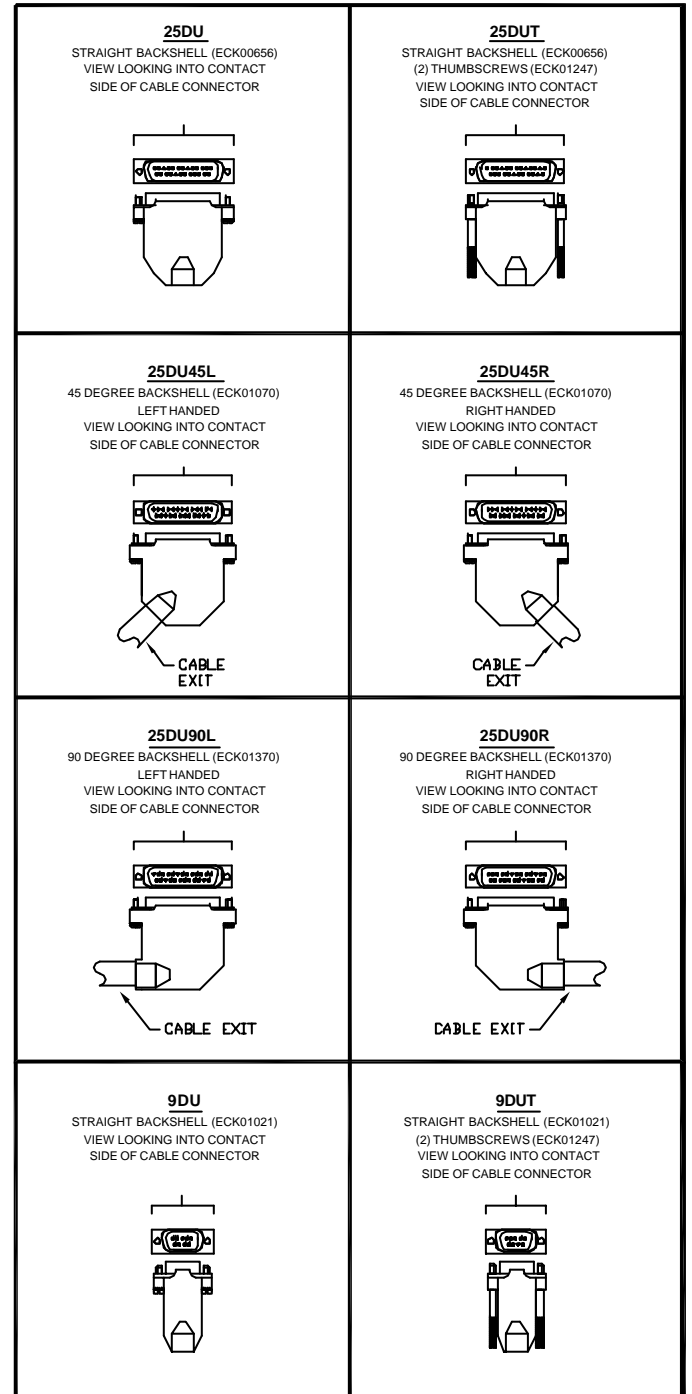


REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	DRAWN
ECN9050	A	CONNECTED EXT SD PIN	12/05	TT
	B	ADDED ECN9103	1/28/06	EJJ
	C	ADDED ECN1796	01/08	JFH

TERMINATION CHART

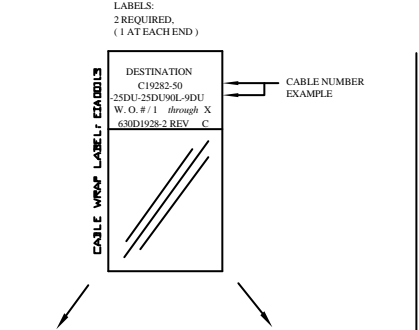


AMP PLUG #745496-2 (ECK00786)
BACKSHELL: SEE TERMINATION CHART

PIN	WIRE	SIGNAL
13	WHT/PINK	BRK-
12	PINK	CW/+ LMT
11	YEL/BRN	HALL C
10	GRY/BRN	HALL A
9	-	-
8	-	-
7	YEL	MKR
6	WHT/YEL	MKR-N
5	WHT/GRN	HALL B
4	-	-
3	VIO	-
	WHT/BLK	ENCODER +5V
	BRN/GRN	-
	WHT/BLU	-
2	GRN	EXT SD
1	SHIELD	SIG SHLD
14	WHT	COS
13	WHT/GRY	COS-N
16	RED	LMT +5V
17	BLU	SIN
18	RED/BLU	SIN-N
19	-	-
20	BLK	LIMIT COMMON
	BRN/BLU	-
	BRN/RED	ENCODER COMMON
	WHT/RED	-
	GRY	-
22	BRN	HOME LIMIT
23	-	-
24	GRY/PINK	CW/- LMT
25	PINK/BRN	BRK+

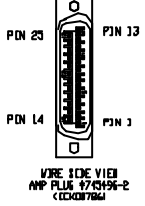
AMP SOCKET, #745495-2 (ECK00789)
BACKSHELL: SEE TERMINATION CHART

SIGNAL	WIRE	SOCKET
SHIELD	MAIN SHIELD	1
EXT SD	GRN	2
ENCODER +5V	WHT/BLU	3
	BRN/BRN	
	WHT/BLK	
	VIO	
	-	4
HALL B	WHT/GRN	5
MKR-N	WHT/YEL	6
MKR	YEL	7
	-	8
	-	9
HALL A	GRY/BRN	10
HALL C	YEL/BRN	11
	-	12
BRK-	WHT/PINK	13
BRK+	PINK/BRN	20
	-	24
	-	23
	-	22
ENCODER COMMON	GRY	
	WHT/RED	21
	BRN/RED	
	BRN/BLU	
	-	2D
	-	19
SIN-N	RED/BLU	18
SIN	BLU	17
	-	16
COS-N	WHT/GRY	15
COS	WHT	14
LMT +5V	RED	1
LMT COM	BLK	2
CW/+ LMT	PINK	3
HOME LIMIT	BRN	4
CW/- LMT	GRY/PINK	5
LIMIT SHIELD	SHIELD	BASE

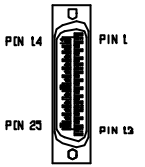


LITZE #117107 (25 COND. #24), ECK01192
UNUSED WIRES: NONE

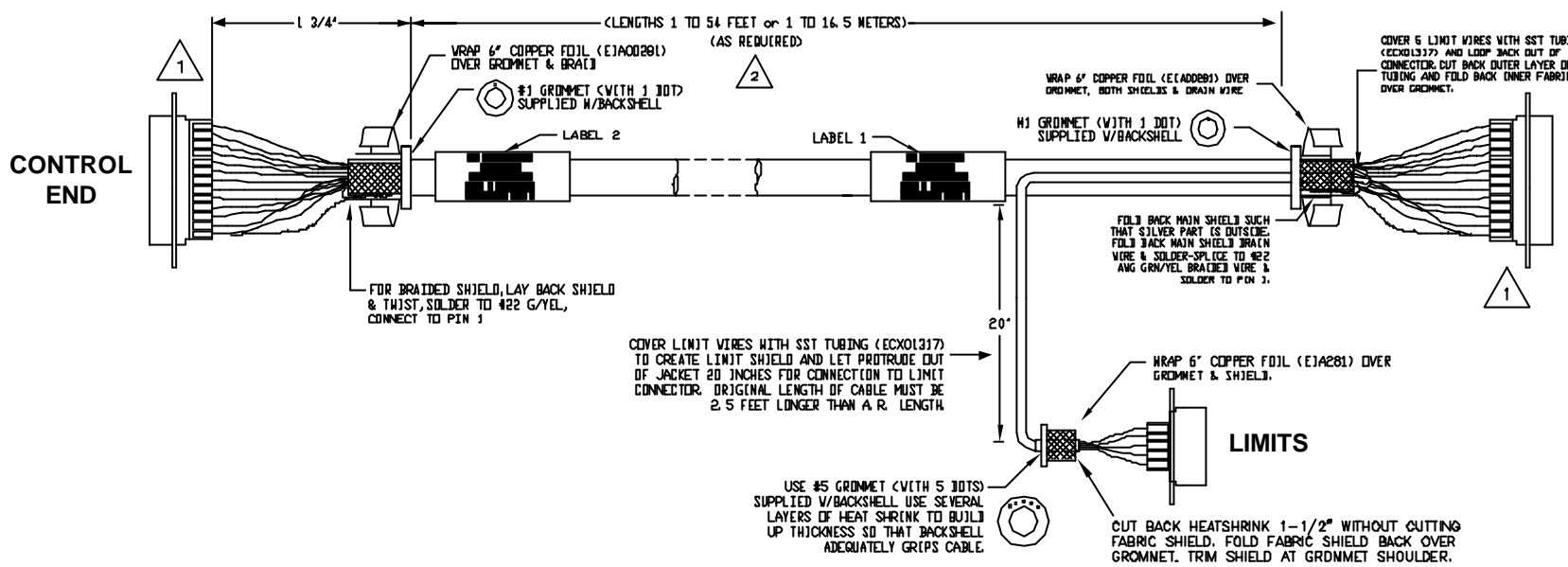
CONTROL END



MOTOR END



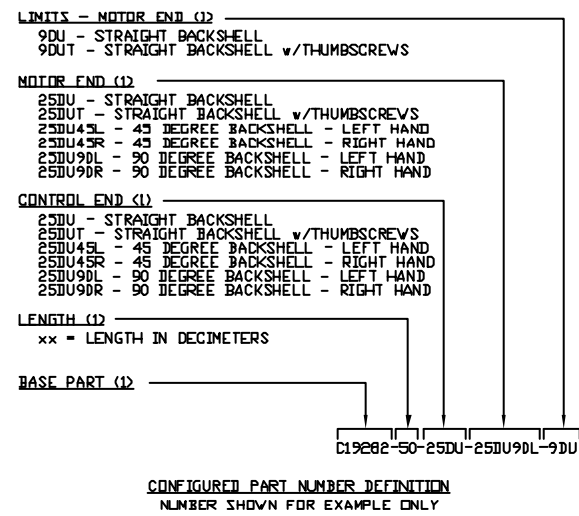
LIMITS



CONFIGURED CABLE PROCEDURE:

- THE PURPOSE OF THIS DRAWING IS TO DEFINE VARIOUS BACKSHELL AND SCREWLOCK TYPES AS REQUIRED BY THE SHOP TRAVELLER.
- 1) LOCATE THE SHOP TRAVELLER FOR CABLE TO BE MANUFACTURED.
 - 2) USING SHOP TRAVELLER AND TERMINATION CHART AT RIGHT:
 - a.) DETERMINE 'CONTROL END' TERMINATION.
 - b.) DETERMINE 'MOTOR END' TERMINATION.
 - c.) DETERMINE 'LIMITS' TERMINATION.
 - 3) USING THE ABOVE INFORMATION, MANUFACTURE CABLE WITH APPROPRIATE TERMINATIONS.
 - 4) LABEL CABLE WITH NEW CONFIGURED PART NUMBER, FOLLOWING THE 'CONFIGURED PART NUMBER DEFINITION' SHOWN AT FAR RIGHT.

- 1) FOR CRIMP TOOL USE AMP HANDLE ASSY 58074-1 WITH AMP HEAD ASSY 58063-2
- 2) STARTING CABLE LENGTH = 2.5 FT BEYOND SPECIFIED LENGTH OF CABLE DO NOT EXCEED LENGTH OF 54 FT FOR THIS DESIGN
- 3) CABLE OUTER DIAMETER IS 0.472 INCH MINIMUM BEND RADIUS FOR CONTINUOUS FLEX IS 3.3 INCH



WORK ORDER #: XXXXXX
 CUSTOMER NAME: XXXXXXXXXXXXX
 ORDER NUMBER: XXXXXX
 APPROVED BY: XXX
 RELEASE DATE: XX/XX/XX CUST FILE NAME: XXXXXX 630D1928-2C1.dwg

PROPRIETARY INFORMATION
 THIS DRAWING IS THE PROPERTY OF AEROTECH, INC. AND IS SUBMITTED IN CONFIDENCE AND SHALL NOT BE REPRODUCED NOR COPIED NOR DISCLOSED TO OTHERS UNDER PENALTY OF LAW.

AEROTECH, INC. 101 Zeta Drive
 Pittsburgh, PA 15238
 (412)963-7470
 www.aerotech.com

CONFIGURED
 HIGH-FLEX BRUSHLESS FEEDBACK CABLE
 CABLE: BL FB-25DU-25DU 9DU-HF MAX165DM

REV.	DATE	BY	APP.
DRWN	EJJ	U/M	
CHECKED	JLJ	U/M	
APPD	JLJ	U/M	

SCALE NTS FILE NAME 630D1928-2C1.dwg SHEET 1 OF 1