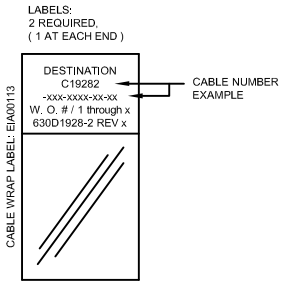


REVISIONS			
REV.	DESCRIPTION	DATE	DRAWN
E	ADDED ECO 69	9/24/2017	JFM
F	ADDED ECO 2415	10/26/2018	JFM

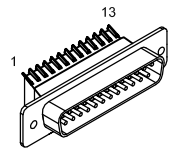
PIN	WIRE	SIGNAL
13	WHT/PINK	BRK-
12	PINK	CW/+ LMT
11	YEL/BRN	HALL C
10	GRY/BRN	HALL A
9	-	-
8	-	-
7	YEL	MKR
6	WHT/YEL	MKR-N
5	WHT/GRN	HALL B
4	BRN/GRN	STAGE ID
3	VIO	ENCODER +5V
	WHT/BLK	
	WHT/BLU	
2	GRN	EXT SD
1	-	-
CASE	SHIELD	SIG SHLD
14	WHT	COS
15	WHT/GRY	COS-N
16	RED	LMT +5V
17	BLU	SIN
18	RED/BLU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



SIGNAL	WIRE	SOCKET
SHIELD	MAIN SHIELD	CASE
-	LIMIT SHIELD	1
EXT SD	GRN	2
ENCODER +5V	WHT/BLU	3
-	WHT/BLK	4
-	VIO	5
-	-	6
HALL B	WHT/GRN	7
MKR-N	WHT/YEL	8
MKR	YEL	9
-	-	10
HALL A	GRY/BRN	11
HALL C	YEL/BRN	12
-	-	13
BRK-	WHT/PINK	14
BRK+	PINK/BRN	25
-	-	24
-	-	23
-	-	22
ENCODER COMMON	GRY	21
-	WHT/RED	20
-	BRN/RED	19
-	BRN/BLU	18
SIN-N	RED/BLU	17
SIN	BLU	16
COS-N	WHT/GRY	15
COS	WHT	14

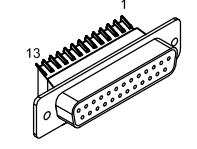
SIGNAL	WIRE	SOCKET
LMT +5V	RED	1
LMT COM	BLK	2
CW/+ LMT	PINK	3
HOME LMT	BRN	4
CCW/- LMT	GRY/PINK	5
LIMIT SHIELD	SHIELD	CASE
COM	-	7
STAGE ID	BRN/GRN	8

CONTROL END



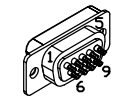
MALE 25 PIN D-STYLE, ECK00786
BACKSHELL: SEE TERMINATION CHART

MOTOR END



FEMALE 25 PIN D-STYLE, ECK00789
BACKSHELL: SEE TERMINATION CHART

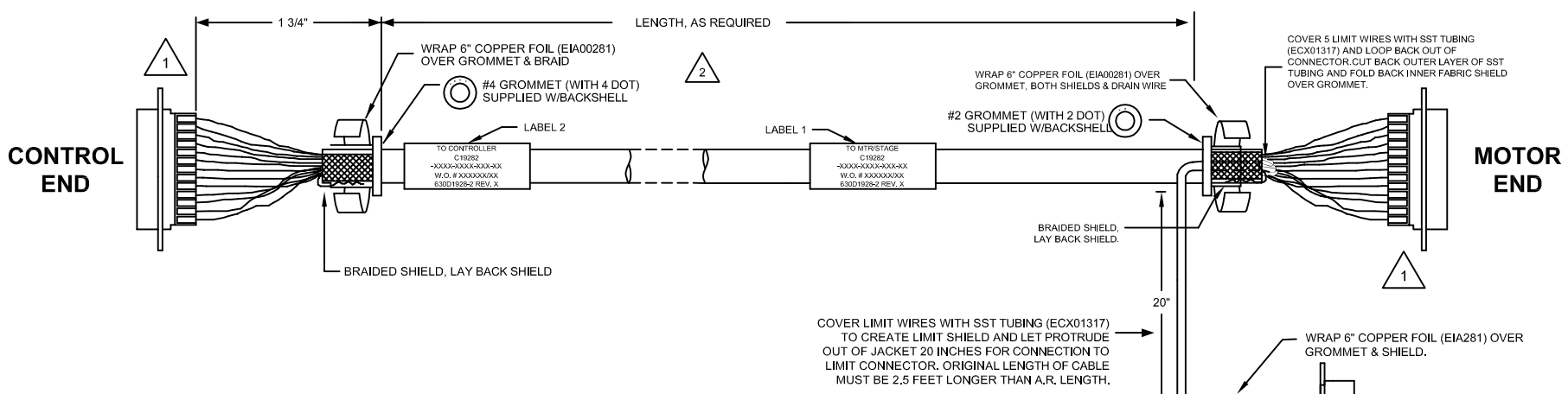
LIMITS



9 PIN FEMALE D, ECK00340
BACKSHELL: SEE TERMINATION CHART

TERMINATION CHART

<p>25D STRAIGHT BACKSHELL, ECK00656</p>	<p>25DT STRAIGHT BACKSHELL, ECK00656 TWO THUMBSCREWS, ECK01247</p>
<p>25D45L 45 DEGREE BACKSHELL, ECK01070 LEFT HANDED VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR</p>	<p>25D45R 45 DEGREE BACKSHELL, ECK01070 RIGHT HANDED VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR</p>
<p>25D90L 90 DEGREE BACKSHELL, ECK01370 LEFT HANDED VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR</p>	<p>25D90R 90 DEGREE BACKSHELL, ECK01370 RIGHT HANDED VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR</p>
<p>9D STRAIGHT BACKSHELL, ECK01021</p>	<p>9DT STRAIGHT BACKSHELL, ECK01021 TWO THUMBSCREWS, ECK01247</p>



LENGTH (1)
xx = LENGTH IN DECIMETERS

LIMITS - MOTOR END (1)
9D - STRAIGHT BACKSHELL
9DT - STRAIGHT BACKSHELL w/THUMBSCREWS

MOTOR END (1)
25D - STRAIGHT BACKSHELL
25DT - STRAIGHT BACKSHELL w/THUMBSCREWS
25D45L - 45 DEGREE BACKSHELL - LEFT HAND
25D45R - 45 DEGREE BACKSHELL - RIGHT HAND
25D90L - 90 DEGREE BACKSHELL - LEFT HAND
25D90R - 90 DEGREE BACKSHELL - RIGHT HAND

CONTROL END (1)
25D - STRAIGHT BACKSHELL
25DT - STRAIGHT BACKSHELL w/THUMBSCREWS
25D45L - 45 DEGREE BACKSHELL - LEFT HAND
25D45R - 45 DEGREE BACKSHELL - RIGHT HAND
25D90L - 90 DEGREE BACKSHELL - LEFT HAND
25D90R - 90 DEGREE BACKSHELL - RIGHT HAND

BASE PART (1)

CONFIGURED PART NUMBER DEFINITION
NUMBER SHOWN FOR EXAMPLE ONLY

C19282 -25D -25D90L -9D -50

2 STARTING CABLE LENGTH = 2.5 FT BEYOND SPECIFIED LENGTH OF CABLE

1 FOR CRIMP TOOL USE AMP HANDLE ASSY 58074-1
WITH AMP HEAD ASSY 58063-2

CONFIGURED CABLE PROCEDURE:

THE PURPOSE OF THIS DRAWING IS TO DEFINE VARIOUS BACKSHELL AND SCREWLOCK TYPES AS REQUIRED BY THE SHOP TRAVELLER.

- LOCATE THE SHOP TRAVELLER FOR CABLE TO BE MANUFACTURED.
- USING SHOP TRAVELLER AND TERMINATION CHART:
 - DETERMINE "CONTROL END" TERMINATION.
 - DETERMINE "MOTOR END" TERMINATION.
 - DETERMINE "LIMITS" TERMINATION.
- USING THE ABOVE INFORMATION, MANUFACTURE CABLE WITH APPROPRIATE TERMINATIONS.
- LABEL CABLE WITH NEW CONFIGURED PART NUMBER, FOLLOWING THE "CONFIGURED PART NUMBER DEFINITION"

<p>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.</p>		<p>AEROTECH, INC. 101 Zeta Drive Pittsburgh, PA, 15238 (412) 963-7470 www.aerotech.com</p>	
<p>CONFIGURED HIGH-FLEX BRUSHLESS FEEDBACK CABLE</p>			
<p>CONF-CFG - BL FB-25D-25D 9D-HF113-MAX146DM</p>			
<p>TOLERANCES ON FRACTIONS DECIMALS ANGLES 0 TO 6 ±1/32 .XX ±0.1 ° 0-30' OVER 6 ± 1/16 .XXX ±0.05</p>		<p>RMS FINISH EXCEPT AS NOTED</p>	
<p>DRAWN EJB 11/4/04</p>	<p>CHECKED JLD 11/4/04</p>	<p>APPD. JLD 11/4/04</p>	<p>PART CODE SIZE C19282 D 630D1928-2</p>
<p>SCALE NTS</p>	<p>FILE NAME 630D1928-2.dwg</p>	<p>SHEET 1 OF 1</p>	<p>REV. F</p>