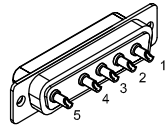


REVISIONS			
REV.	DESCRIPTION	DATE	DRAWN
A	ADDED ECO 89	8/24/2017	JFM
B	ADDED ECO 2415	10/26/2017	JFM

CONTROL END



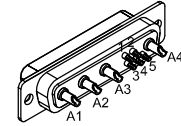
5 PIN MALE HPD, ECK01236
20 AMP PIN, ECK00660
POPULATE ALL CONTACT POSITIONS
BACKSHELL: SEE TERMINATION CHART

PIN	WIRE	SIGNAL
1	BLK	MTR ØA
2	RED	MTR ØB
3	WHT	MTR ØC
4	-	-
5	GRN/YEL	FRM
CASE	SHIELD	SHIELD

ECX00566, 4 COND. #16
UNUSED WIRES: NONE

SIGNAL	WIRE	SOCKET
MTR ØA	BLK	A1
MTR ØB	RED	A2
MTR ØC	WHT	A3
FRM GND	GRN/YEL	A4
SHIELD	SHIELD	CASE

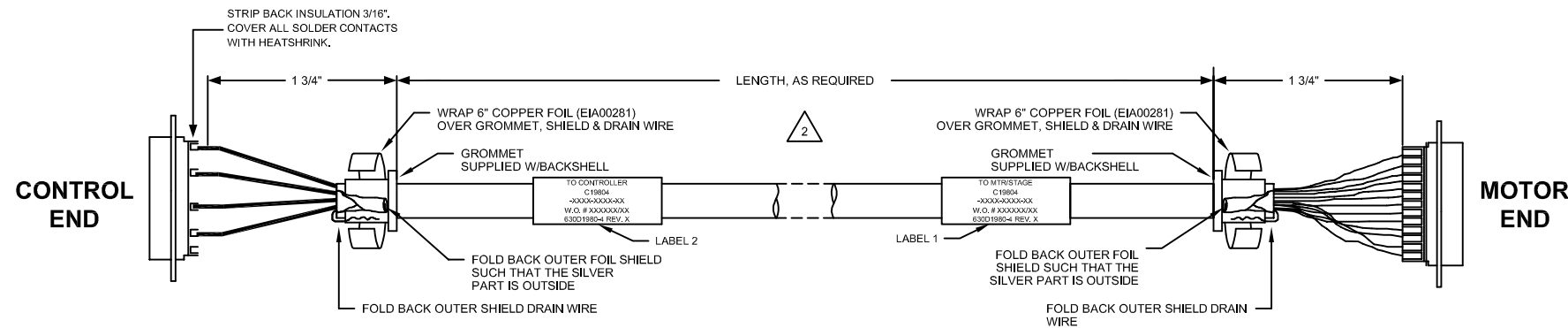
MOTOR END



HPD FEMALE "D", ECK00657
SOCKET CONTACT, ECK00659
BACKSHELL: SEE TERMINATION CHART

TERMINATION CHART

<p>5D 4D STRAIGHT BACKSHELL, ECK00656</p>	<p>5DT 4DT STRAIGHT BACKSHELL, ECK00656 TWO THUMBSCREWS, ECK01247</p>
<p>5D45L 4D45L 45 DEGREE BACKSHELL, ECK01070 LEFT HANDED</p>	<p>5D45R 4D45R 45 DEGREE BACKSHELL, ECK01070 RIGHT HANDED</p>
<p>5D90L 4D90L 90 DEGREE BACKSHELL, ECK01370 LEFT HANDED</p>	<p>5D90R 4D90R 90 DEGREE BACKSHELL, ECK01370 RIGHT HANDED</p>

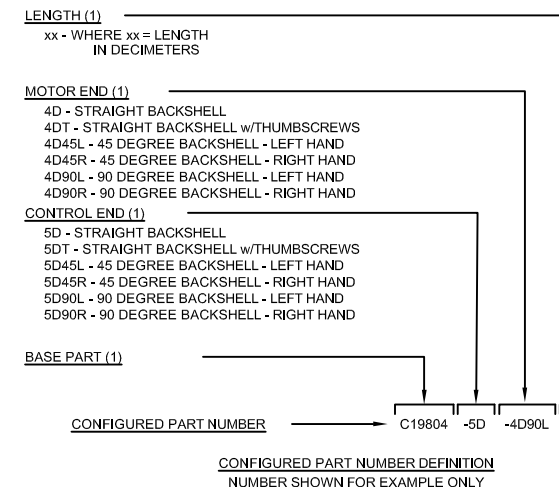
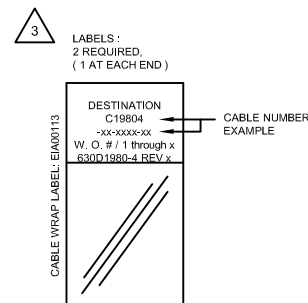


CONFIGURED CABLE PROCEDURE:

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 AT RIGHT:
 - DETERMINE "CONTROL END" TERMINATION.
 - DETERMINE "MOTOR END" TERMINATION.
- USING THE ABOVE INFORMATION, MANUFACTURE CABLE WITH APPROPRIATE TERMINATIONS.
- LABEL CABLE WITH NEW CONFIGURED PART NUMBER PER NOTE 3. FOLLOWING THE "CONFIGURED PART NUMBER DEFINITION" SHOWN AT FAR RIGHT.

- 2 STARTING CABLE LENGTH = 6 in. BEYOND SPECIFIED LENGTH OF CABLE DO NOT EXCEED LENGTH OF 150 FT FOR THIS DESIGN
- 1 USE #2 GROMMET WITH 2 DOTS WHICH IS SUPPLIED W/BACKSHELL



<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 BRUSHLESS MOTOR CABLE BL MTR-5D-4D-10ARMS-MAX450DM</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>		
DRAWN	EJB	1/16/06	<p>PART CODE SIZE C19804 D 630D1980-4</p>	
CHECKED	JLD	1/16/06		
APPD.	JLD	1/16/06		
SCALE	NTS	FILE NAME	630D1980-4.DWG	SHEET 1 OF 1