

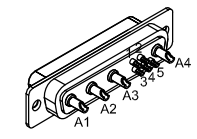
REVISIONS			
REV.	DESCRIPTION	DATE	DRAWN
A	ADDED ECN 13218	3/2011	JFRANEY
B	ADDED ECO 69	8/25/2017	JFM
C	ADDED ECO 2415	10/26/2018	JFM

TYPICAL AMPLIFIER CONNECTIONS

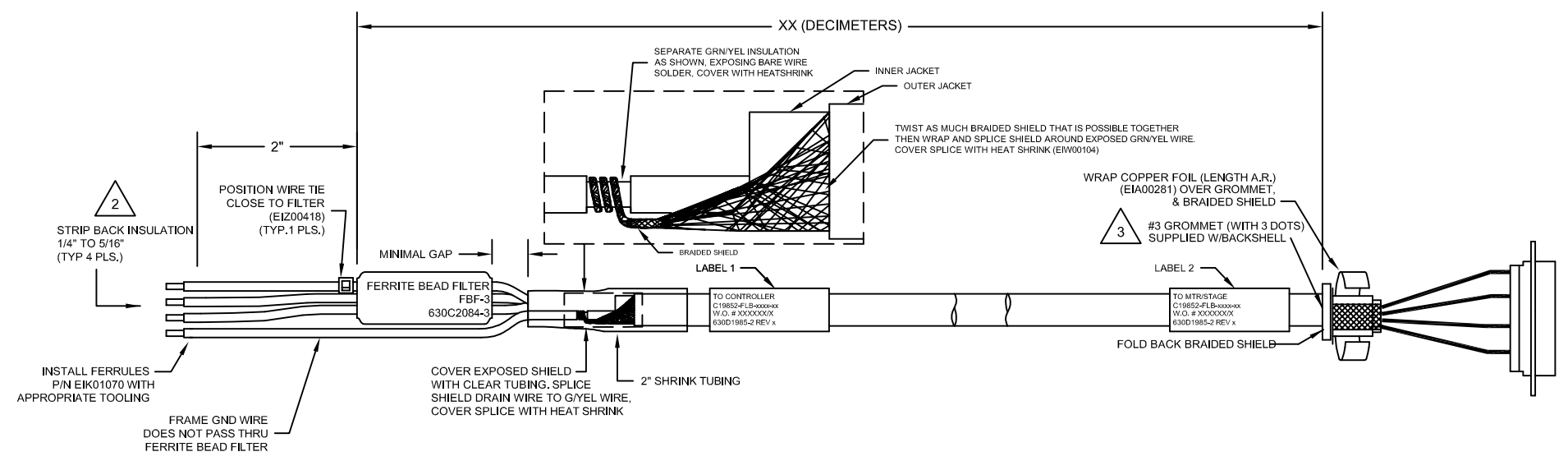
MOTOR (PHASE-A)	#16 FERRULE (EIK01070)	WIRE	SIGNAL
		BLK #1	MTR ØA
MOTOR (PHASE-B)	#16 FERRULE (EIK01070)	WIRE	SIGNAL
		BLK #2	MTR ØB
MOTOR (PHASE-C)	#16 FERRULE (EIK01070)	WIRE	SIGNAL
		BLK #3	MTR ØC
FRM GND	#16 FERRULE (EIK01070)	WIRE	SIGNAL
		GRN/YEL	FRM GND
		SHIELD	MTR SHLD

ECX01193, 4 COND. #16

SIGNAL	WIRE	SOCKET
MTR ØA	BLK #1	A1
MTR ØB	BLK #2	A2
MTR ØC	BLK #3	A3
FRM GND	GRN/YEL	A4
SHIELD	SHIELD	CASE



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



TERMINATION CHART

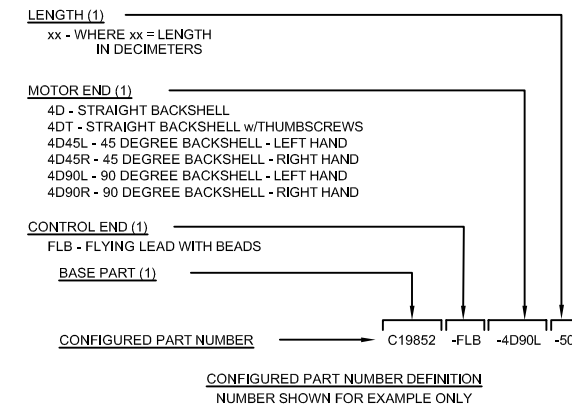
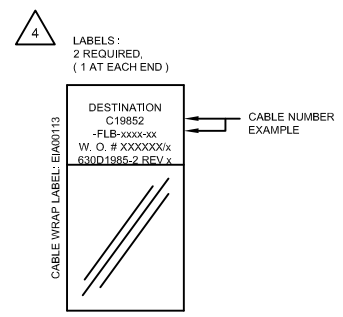
<p>4D STRAIGHT BACKSHELL, ECK00656</p>	<p>4DT STRAIGHT BACKSHELL, ECK00656 TWO THUMBSCREWS, ECK01247</p>
<p>4D45L 45 DEGREE BACKSHELL, ECK01070 LEFT HANDED VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR</p>	<p>4D45R 45 DEGREE BACKSHELL, ECK01070 RIGHT HANDED VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR</p>
<p>4D90L 90 DEGREE BACKSHELL, ECK01370 LEFT HANDED VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR</p>	<p>4D90R 90 DEGREE BACKSHELL, ECK01370 RIGHT HANDED VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR</p>

- 3 USE #3 GROMMET WITH 3 DOTS AS SHOWN BELOW WHICH IS SUPPLIED W/BACKSHELL
- 2 ALL FLYING LEADS ARE TERMINATED WITH EIK01070 #16 FERRULE
- 1 XX (DECIMETER) X .328 = FT.
STARTING LENGTH = XX FT + 1.25 FT.

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 CABLE "LENGTH" TERMINATION.
 - DETERMINE "MOTOR END" TERMINATION.
- USING THE ABOVE INFORMATION, MANUFACTURE CABLE WITH APPROPRIATE TERMINATIONS.
- LABEL CABLE WITH NEW CONFIGURED PART NUMBER PER NOTE 4.
- FOLLOWING THE "CONFIGURED PART NUMBER DEFINITION" SHOWN AT FAR RIGHT.



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CONFIGURED HI FLEX BRUSHLESS MOTOR CABLE
BL MTR-FLB-4D-10ARMS-HF105-MAX450DM

FRACCTIONS	DECIMALS	ANGLES	TOLERANCES ON	
0 TO 6 ±1/32	.XX ±01	± 0-30'	EXCEPT AS NOTED	
OVER 6 ±1/16	.XXX ±005			
RMS FINISH	EXCEPT AS NOTED			
DRAWN	AGS	8-25-08	PART CODE	SIZE
CHECKED	EJB	8-25-08	C19852	D
APPD.	EJB	8-25-08	SCALE	NTS
			FILE NAME	630D1985-2.dwg
			SHEET	1 OF 1