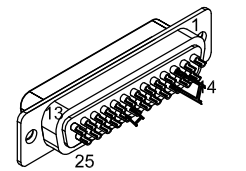


REVISIONS			
REV.	DESCRIPTION	DATE	DRAWN
A	ADDED ECO 69	8/29/2017	JFM



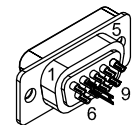
25 PIN MALE D-STYLE, ECK00101  
BACKSHELL, ECK00656

PIN	WIRE	SIGNAL
13	#22 BLK	BRK-
12	#24 WHT	CW/+ LMT
11	-	-
10	-	-
9	-	-
8	-	-
7	-	-
6	-	-
5	-	-
4	#24 PNK	ID
3	JUMPER	ENC +5V
2	-	-
1	-	-
CASE	FOIL & DRAIN WIRE	SIGNAL SHIELD
14	-	-
15	-	-
16	JUMPER & #24 VIO	LMT +5V
17	-	-
18	-	-
19	-	-
20	JUMPER & #24 GRN	LMT COM
21	JUMPER	ENC COM
22	-	-
23	-	-
24	#24 GRY	CCW/- LMT
25	#22 RED	BRK+

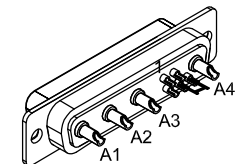
FERRULE	FBF-4	WIRE	SIGNAL
EIK01001	EIZ01025 x4	#20 BLK	MTR ØA
EIK01001	EIZ01025 x4	#20 RED	MTR ØB
EIK01001	EIZ01025 x4	#20 WHT	MTR ØC
EIK01001	-	#20 GRN/YEL	#20 GRN/YEL SHIELD
			FRM GND MTR SHLD

SIGNAL	WIRE	PIN
+5	#24 VIO	1
COM	JUMPER, #24 GRN	2
CW / +	#24 WHT	3
-	-	4
CCW / -	#24 GRY	5
-	-	6
COM	JUMPER	7
ID	#24 PNK	8
-	-	9
SHIELD	FOIL & DRAIN WIRE	CASE

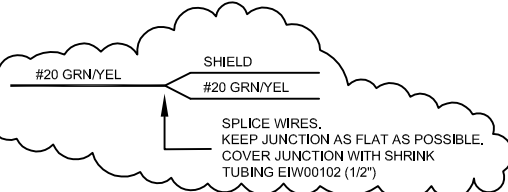
SIGNAL	WIRE	PIN
MTR ØA	#20 BLK	A1
MTR ØB	#20 RED	A2
ØA RETURN	#20 JUMPER & #20 WHT	A3
ØB RETURN	#20 JUMPER	A4
SHIELD	FOIL & DRAIN WIRES	CASE
BRK-	#22 BLK	1
BRK+	#22 RED	2
-	-	3
FRM	#20 GRN/YEL & JUMPER	4
FRM	JUMPER	5



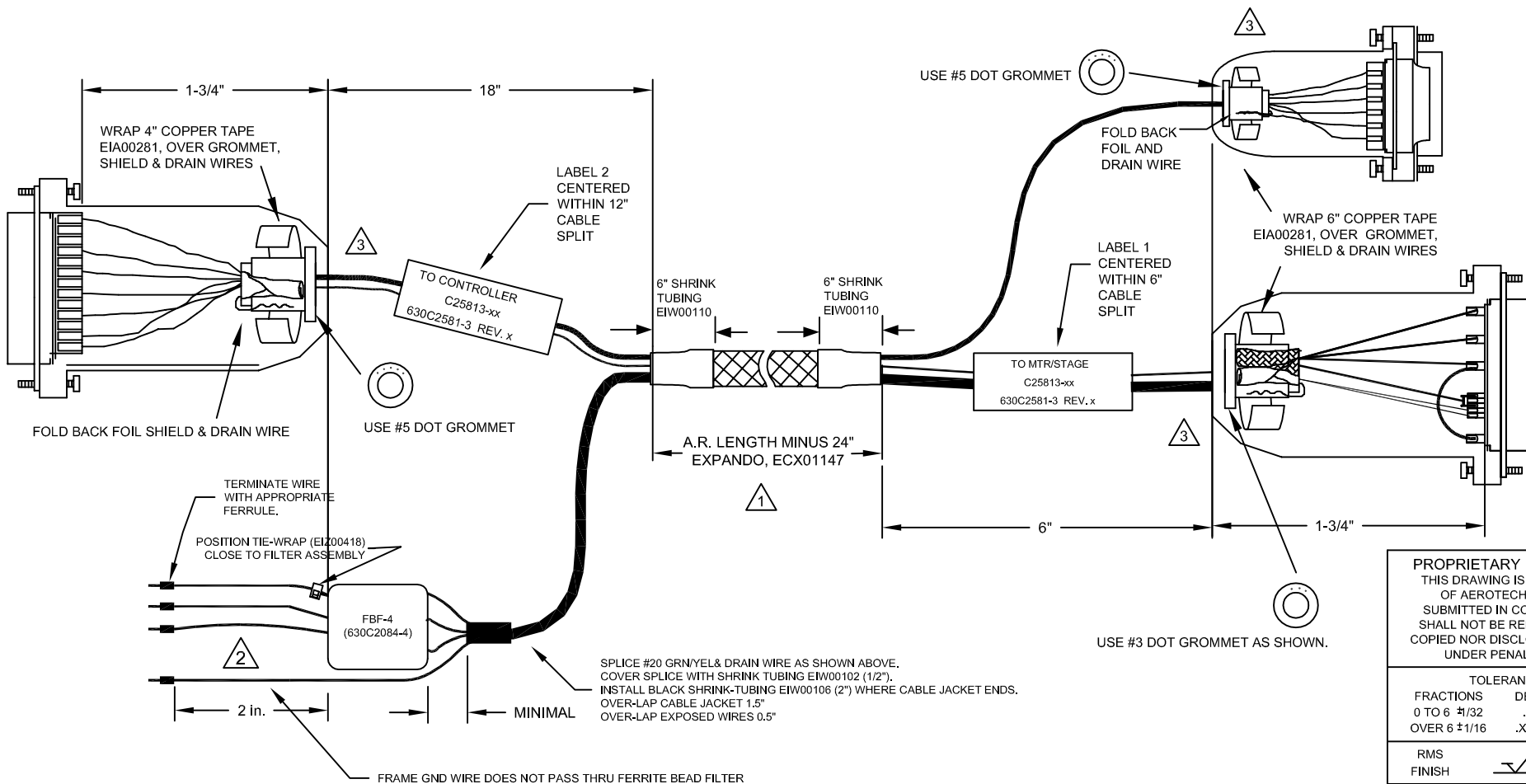
9 PIN FEMALE D, ECK00340  
BACKSHELL, ECK01021



HPD FEMALE "D", ECK00657  
SOCKET CONTACT X4, ECK00659  
BACK SHELL, ECK00656



2



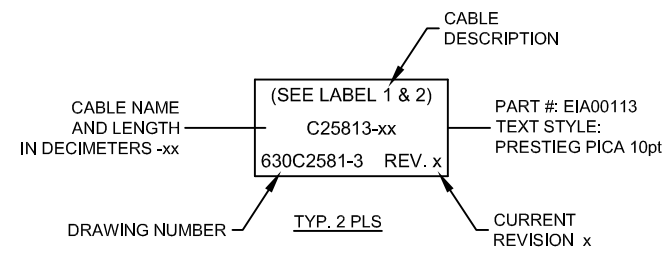
3 VERIFY GROMMET IS SECURED TIGHTLY AROUND CABLE. IF NECESSARY BUILD UP WITH SHRINK TUBING.



2 APPLY EIA01161 LABEL SLEEVES TO IDENTIFYING THE MOTOR WIRES "A", "B", "C", & "G"



1 STARTING CABLE LENGTH SHOULD BE 8" IN LONGER THAN TOTAL LENGTH OF CABLE. LENGTH OF CABLE IS DESIGNATED BY THE xx IN CABLE NAME.



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TOLERANCES ON		
FRACTIONS	DECIMALS	ANGLES
0 TO 6 1/32	.XX ±01	± 0-30°
OVER 6 1/16	.XXX ±005	

**C25813-xx**  
SM MTR-FLB 25D-4D-9D-3.5ARMS-MAX147DM

RMS FINISH	EXCEPT AS NOTED
✓	

PART CODE	SIZE	REV.
C25813	C	A