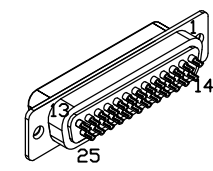


REVISIONS			
REV.	DESCRIPTION	DRAWN	DATE
A	ADDED ECO 69	JFM	8/25/2017

25-PIN D-MALE, ECK00101
BACKSHELL, ECK00656
ADD SCREW LOCKS



PIN	WIRE	SIGNAL
13	-	-
12	WHT/BRN	CW/+LMT
11	-	-
10	-	-
9	-	-
8	-	-
7	ORN	MKR
6	WHT/ORN	MKR-N
5	-	-
4	WHT/GRN	ID
3	VIO	ENC +5V
2	RED	ENC +5V
1	GRN	THERMISTOR
1	-	-
CASE	SHIELD/DRAIN	SHIELD
14	YEL	COS
15	WHT/YEL	COS-N
16	-	-
17	BLU	SIN
18	WHT/BLU	SIN-N
19	-	-
20	GRY	LMT COM
21	WHT	ENC COM
21	BRN	ENC COM
21	BLK	ENC COM
22	-	-
23	-	-
24	WHT/GRY	CCW-LMT
25	-	-

LABEL	WIRE	SIGNAL
G	#20 GRN/YEL	SHIELD/DRAIN
C	#20 WHT	ØC
A	#20 BLK	ØA

SIGNAL	WIRE	PIN
-	-	13
-	-	12
ØA	JMP TO PIN 23	11
ØA RETURN	JMP TO PIN 22	10
-	-	9
-	-	8
CCW-LMT	WHT/GRY	7
LMT COM	GRY	6
ENC COM	WHT	5
ENC COM	BRN	5
ENC COM	BLK	5
MKR-N	WHT/ORN	4
SIN-N	WHT/BLU	3
COS-N	WHT/YEL	2
KEY	KEY	1
BOTH SHIELDS	BOTH SHIELDS	CASE
COS	YEL	14
SIN	BLU	15
MKR	ORN	16
ENC +5V	VIO	17
ENC +5V	RED	17
ID	WHT/GRN	18
CW/+LMT	WHT/BRN	19
THERMISTOR	GRN	20
-	-	21
ØA RETURN	#20 WHT	22
ØA	#20 BLK	23
-	-	24
-	-	25
N.C. AT THIS END	#20 GRN/YEL	N.C.

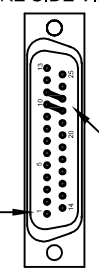
ECX01009
16 COND. #24

UNUSED WIRES:
NONE

ECX01217
4 COND. #20

UNUSED WIRE:
RED

25-PIN D, FEMALE, ECK00300
BACKSHELL, ECK00656
JACKSOCKETS, ECK00129
WIRE SIDE VIEW

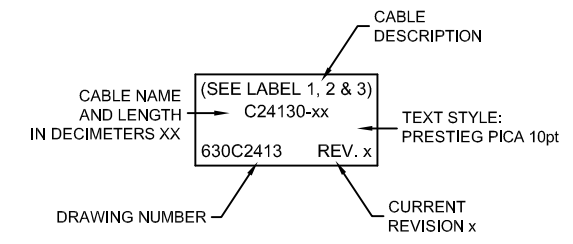


PIN 1

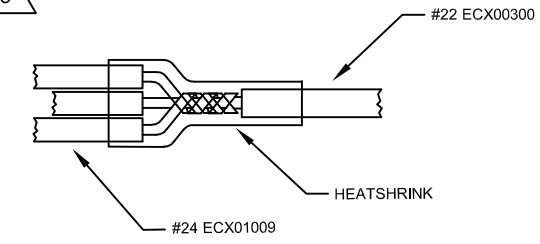
ADD GOLD JUMPER
EIK00351, 2 PLS.

ADD GOLD JUMPER
EIK00351, 2 PLS.

6 ADD THREE CABLE LABELS, EIA00113



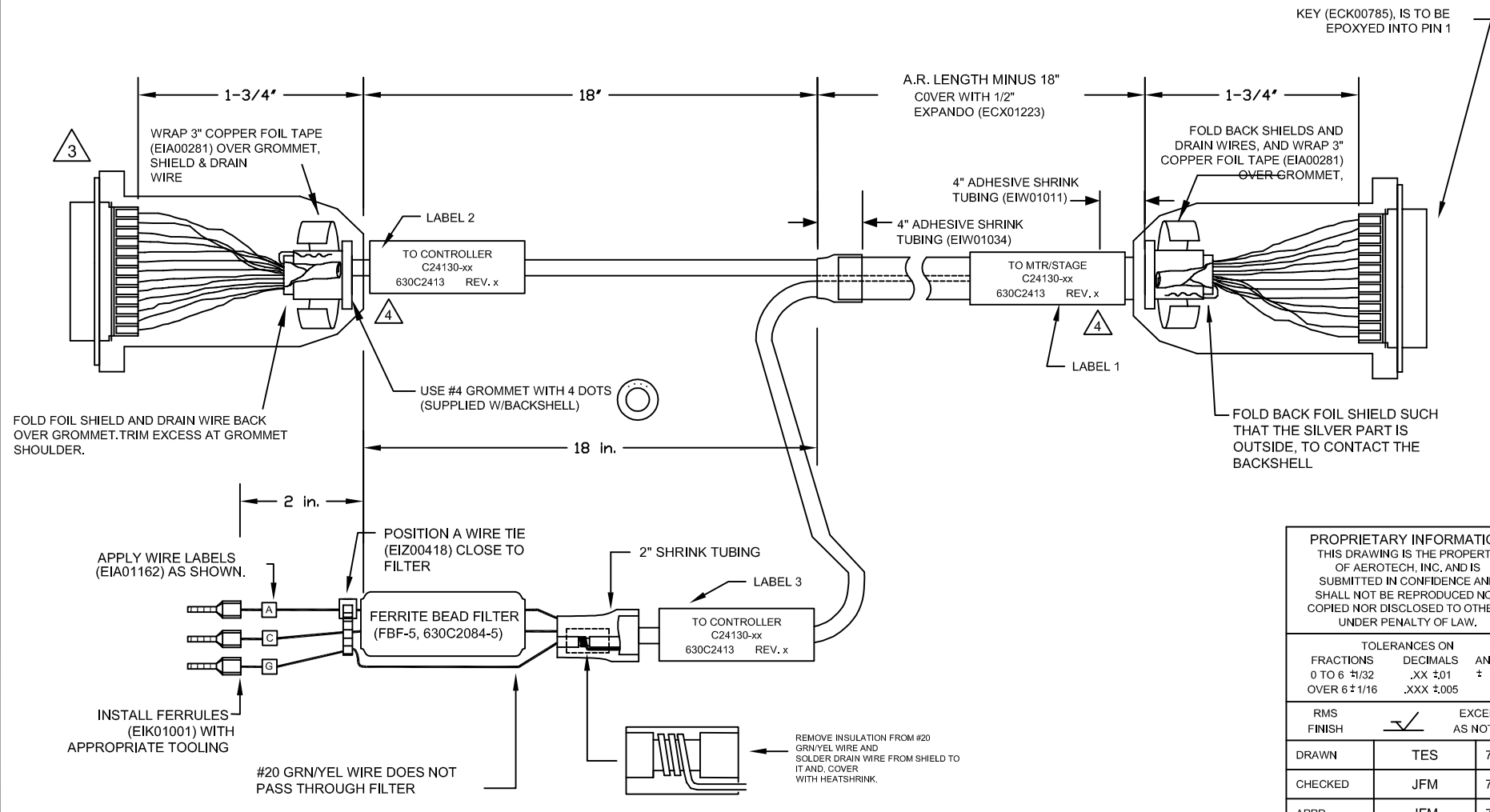
5 SPLICE 3 #24 WIRES TO 1 #22, SOLDER AND COVER WITH HEATSHRINK



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

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

1 STARTING CABLE LENGTH SHOULD BE 5 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	

MPS SERIES DC STAGE TO Ndrive
FEEDBACK & MOTOR CABLE
DC MTR + FB-25D FLB-25D-MAX180DM

RMS FINISH		EXCEPT AS NOTED	
DRAWN	TES	7/9/13	
CHECKED	JFM	7/9/13	
APPD.	JFM	7/9/13	
PART CODE	SIZE	FILE NAME	SHEET
C24130	C	630C2413.Dwg	1 OF 1
630C2413		SCALE	NTS