

REVISIONS			
REV.	DESCRIPTION	DRAWN	DATE

PIN	WIRE	SIGNAL
13	#26 GRN	BRK-
12	#26 WHT	CW/+ LMT
11	-	-
10	-	-
9	-	-
8	-	-
7	#26 DRN	MKR
6	#26 DRN/WHT	MKR-N
5	-	-
4	#26 WHT/BRN	Stage ID
3	#24 VIO	ENC +5V
2	-	-
1	#22 GRN/WHT	SIG SHLD
14	#26 YEL	COS
15	#26 YEL/WHT	COS-N
16	#24 RED	LMT +5V
17	#26 BLU	SIN
18	#26 BLU/WHT	SIN-N
19	-	-
20	#24 BLK	LMT COM
21	#24 GRY	ENC COM
22	#26 BRN/WHT	HM LMT
23	-	-
24	#26 WHT/GRY	CCW/- LMT
25	#26 WHT/GRN	BRK+

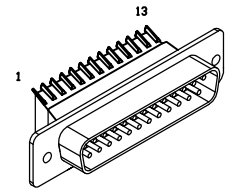
SIGNAL	WIRE	PIN	
SIN-N	BLU/WHT	H	
BRK+	#26 WHT/GRN	J	
SIN	#26 BLU	G	
Stage ID	#26 WHT/BRN	K	
HM LMT	#26 BRN/WHT	W	
CCW/- LMT	#26 WHT/GRY	V	
CW/+LMT	#26 WHT	U	
COS-N	#26 YEL/WHT	F	
MKR	#26 ORN	L	
MKR-N	#26 ORN/WHT	X	
SIG SHLD	#22 GRN/WHT	Z	
BRK-	#26 GRN	T	
COS	#26 YEL	E	
ENC +5V	#24 VIO	M *	
LMT +5V	#24 RED	-	
LMT COM	#24 BLK	D *	
ENC COM	#24 GRY	-	
MTR SHLD	#22 GRN/WHT	Y	
MTR A	MTR A-CT	#22 BLK	R
MTR A	MTR A-CT	#22 BLK	-
FRM GND	#22 GRN/YEL	S	
FRM GND	#22 GRN/YEL	-	
MTR B	MTR B	#22 RED	N
MTR B	MTR B	#22 RED	-
-	-	-	P
MTR B-N	MTR B-CT	#22 WHT	A *
-	-	-	B
MTR A-N	MTR A'	#22 WHT	C *



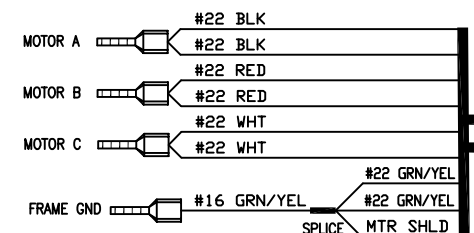
WIRE SIDE VIEW

BURNDY PLUG ECK00135
CLAMP BURNDY ECK00617
#28-22 SOCKETS BURNDY ECK00402
CRIMP TOOL: BURNDY HANDLE W/HEAD ASSY N20RT-29
OR BURNDY CRIMPER MODEL UTM-2R W/HEAD ASSY CM11G1R
ADD #22 WHT JUMPER BETWEEN PIN A AND PIN C
* = #20-16 SOCKETS BURNDY ECK00403
CRIMP TOOL: BURNDY HANDLE W/HEAD ASSY N16RT-24

- 3 WIRE MARKERS
FLAG WIRES WITH BRADY LABELS, COMPUTER FILE NO. 630C2025-101.
- 2 USE 2" LENGTHS OF THICK WALL HEATSHRINK TUBING TO BUILD UP CABLE DIAMETER FOR PROPER STRAIN RELIEFING. STRAIN RELIEFING MUST WITHSTAND 35 LB. PULL.
CUT THICK WALL HEATSHRINK TUBING WITH CABLE CUTTER SUCH THAT ENDS ARE PERPENDICULAR TO CABLE AND CUT IS SMOOTH.
THICK WALL HEATSHRINK TUBING:
EIW00112 MAX INSIDE DIA = .750" (EXPANDED), MIN INSIDE DIA = .220" (RECOVERED)
EIW00113 MAX INSIDE DIA = .400" (EXPANDED), MIN INSIDE DIA = .150" (RECOVERED)
- 1 STARTING CABLE LENGTH = A. R. LENGTH + 17 IN.



25 PIN D MALE ECK00786
BACKSHELL ECK00656
FOR CRIMP TOOL USE AMP HANDLE ASSY 58074-1
WITH AMP HEAD ASSY 58063-2

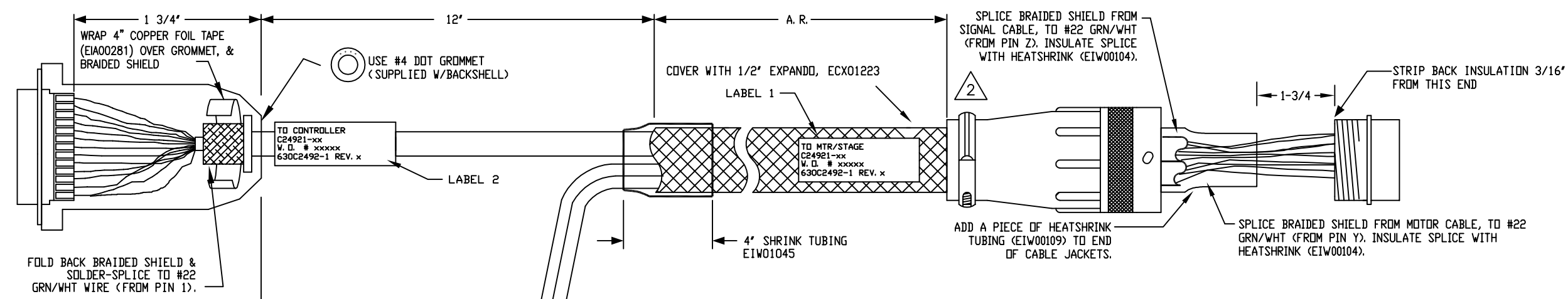
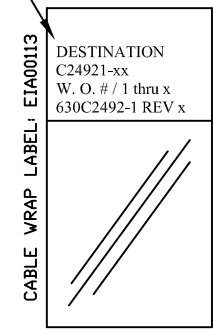


INSTALL FERRULES, EIK01085 (3)
FERRULES, EIK01070 (1)
WITH APPROPRIATE TOOLING

3

SEE LABELS 1, 2 & 3 FOR DESTINATION

LABELS: 3 REQUIRED, (1 AT EACH END)



POSITION OF WIRE TIES (EIZ00418) (TYP. 4 PLS.)

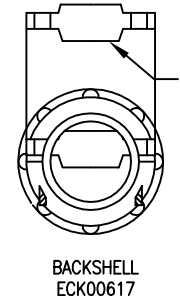
STRIP BACK INSULATION 1/4" TO 5/16" (TYP. 4 PLS.)



INSTALL FERRULES, EIK01085 WITH APPROPRIATE TOOLING

MINIMAL GAP

COVER GROUND AND SHIELD WIRE SPLICES WITH 2" SHRINK TUBING (EIW00106)



BACKSHELL ECK00617

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

RMS FINISH ✓ EXCEPT AS NOTED

DRAWN	07/20/2016	TES
CHECKED	07/20/2016	AGS
APPD.	07/20/2016	TES

STEPPER MOTOR CABLE			
To Ndrive			
CABLE: SM MTR & FB-25DU 23B-HF-6ARMS-MAX120DM			
PART CODE	SIZE	REV.	
C24921-XX	C	630C2492-1	
SCALE NTS	FILE NAME	SHEET	1 OF 1
630C2492-101.Dwg			