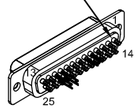
REVISIONS			
REV.	DESCRIPTION	DATE	DRAWN

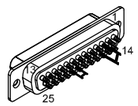
KEY CONNECTOR BY HEATING PIN 1 TO REMOVE IT

TO LAB CONTROLLER

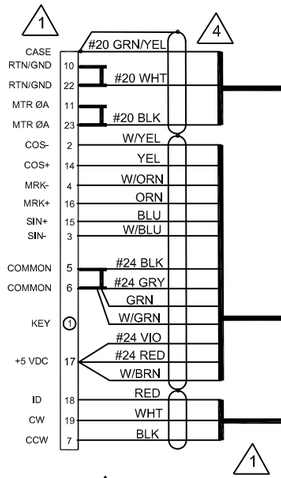


25D MALE, ECK00101
BACKSHELL, ECK0656
GOLD JUMPER, EIK00351 QTY. 3

TO MXH BOX OR ADAPTER



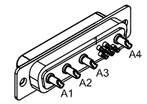
25D MALE, ECK00101
BACKSHELL, ECK0656
GOLD JUMPER, EIK00351 QTY. 2



ECX01217
#20 x4

UNUSED: RED

SIGNAL	WIRE	PIN
DC+	#20 BLK	A1
-	-	A2
DC-	#20 WHT	A3
FRM	#20 GRN/YEL	A4
SHIELD	BRAID SHIELD	CASE
-	-	1
-	-	2
-	-	3
-	-	4
-	-	5

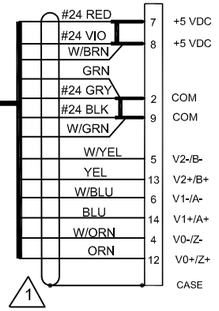


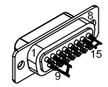
HPD FEMALE, ECK00657
SOCKET CONTACT X4, ECK00659
BACKSHELL, ECK00656

TO STAGE/MOTOR (DC)

ECX01366
#26 x12, #24 x4
(#26 UNLESS NOTED)

UNUSED: BRN, WHT, W/GRY





15D FEMALE, ECK00326
BACKSHELL, ECK01022
GOLD JUMPER, EIK00351, QTY 2

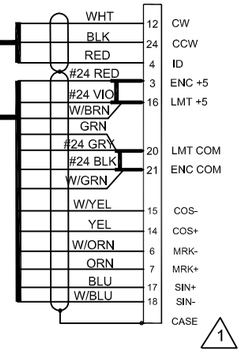
TO STAGE LINEAR ENCODER (TYP. SINE WAVE)

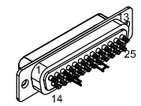
ECX01446
#28 x4

UNUSED: GREEN

ECX01366
#26 x12, #24 x4
(#26 UNLESS NOTED)

UNUSED: BRN, WHT, W/GRY

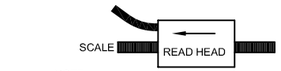




25D FEMALE, ECK00300
BACKSHELL, ECK00656

TO ROTARY ENCODER (TYP. SINE WAVE)

4 REQUIRED ENCODER ORIENTATION



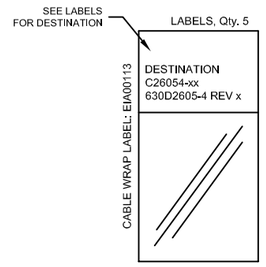
NOTE:
THIS DRAWING IS APPLICABLE WHEN CW TRAVEL PRODUCES SCALE OR ENCODER READHEAD MOTION AS SHOWN ABOVE (PUSH ENCODER CABLE)

4 TERMINATE GRN/YEL WIRE WITH SHIELD

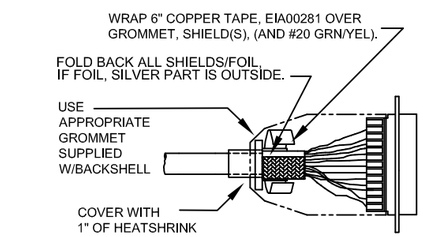
3 D-SUB CONNECTIONS

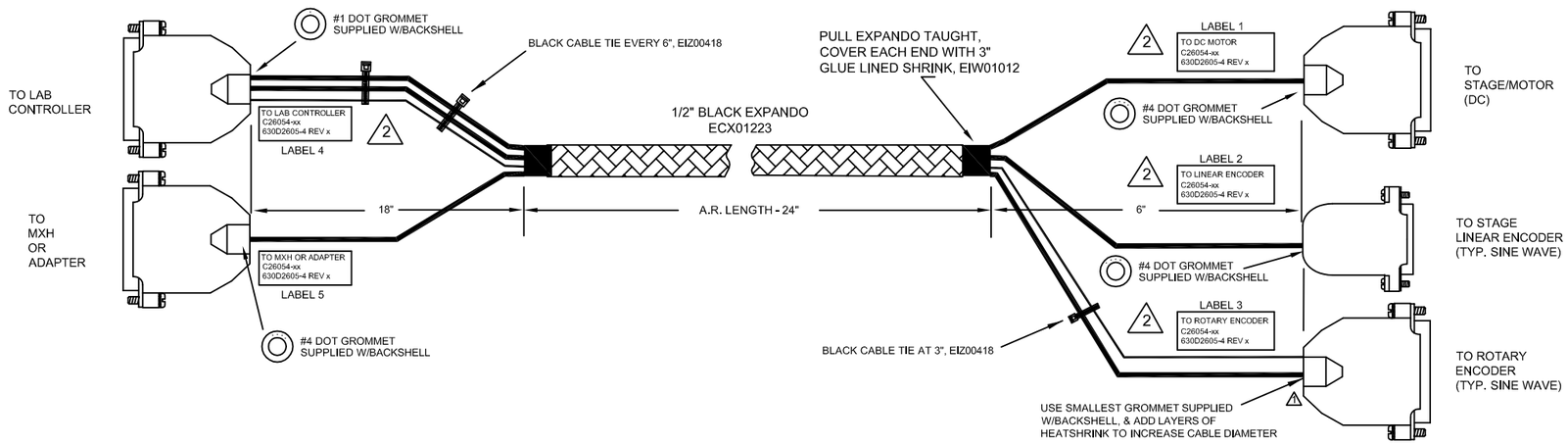
INSULATE ALL D-SUB SOLDER CONNECTIONS WITH HEATSHRINK, TYPICALLY:
#24 AWG, EIW00100; #22 AWG, EIW00101

2 LABELS



1 SHIELD TERMINATION





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

RMS FINISH EXCEPT AS NOTED

CABLE: (Lab to DC Foldback Stage)

DC MTR + FB-25D 25D-4D 15D 25D-5ARMS-PSH-MAX106DM

DRAWN	JFM	1/2/2018
CHECKED	JAB	1/2/2018
APPD.	JFM	1/2/2018

PART CODE C26054 | SIZE D | 630D2605-4 | REV. -

SCALE NTS | FILE NAME 630D2605-4.Dwg | SHEET 1 OF 1