

LABEL HARNESS W/ PART #, REV, AND MFG DATE.

**LABEL THE FOLLOWING CONNECTORS 6" FROM THE END OF THE CONNECTOR AS FOLLOWS:**

B: PWM  
C: ENCODER

LEAVE WIRE EXPOSED 1-2" AT CONNECTORS. USE BACKSHELLS WHERE APPLICABLE.

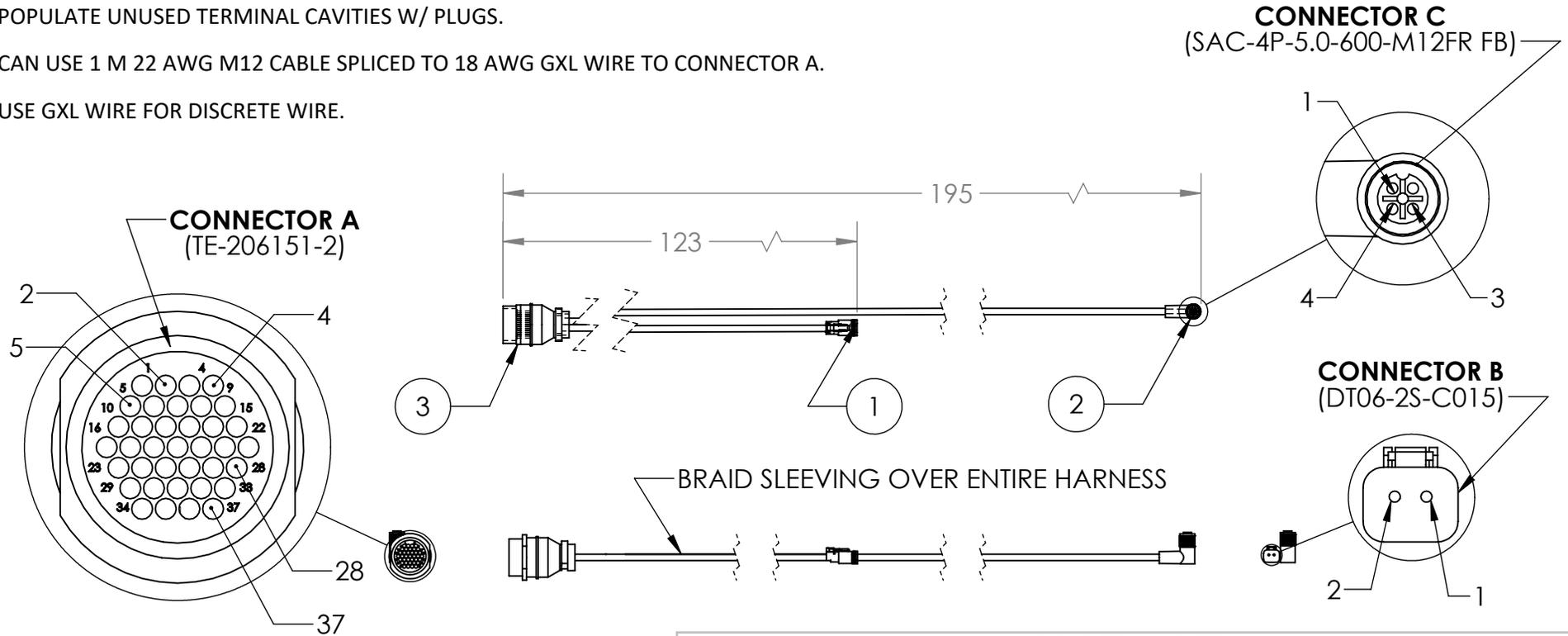
BACKBRAID OR HEATSHRINK BRAIDED SLEEVE ENDS OR CABLE SHEATH ENDS.

POPULATE UNUSED TERMINAL CAVITIES W/ PLUGS.

CAN USE 1 M 22 AWG M12 CABLE SPLICED TO 18 AWG GXL WIRE TO CONNECTOR A.

USE GXL WIRE FOR DISCRETE WIRE.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVAL
A	RELEASED FOR PRODUCTION	6/16/2015	IJM
B	UPDATED PINOUT FOR 12 VOLT ENCODER	7/13/2015	IJM
C	UPDATED TO PLASTIC M12 CONNECTOR	1/27/2020	IJM



ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	DT06-2S-C015	Connector - Deutsch 2-Pin Plug (W2S-P012)(P002987)
2	1	SAC-4P-5.0-600-M12FR FB	Harness - M12 4-Pin 5M Flying Lead (P000860)
3	1	TE-206151-2	TE Connectivity - 37 pos. Circular Plastic M Connector

**MONTAG MFG**  
3816 461st AVE,  
Emmetsburg, IA 50536

P: 712-852-4572  
F: 712-852-4574  
www.montagmfg.com

**DO NOT SCALE DRAWING**  
UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES

**TOLERANCES ARE AS FOLLOWS:**  
FRACTIONAL ± 1/32  
ANGULAR: ± 1  
TWO PLACE DECIMAL ±.03  
THREE PLACE DECIMAL ±.003

MATERIAL: N/A  
FINISH: N/A

**CONFIDENTIAL:**  
This drawing and design is proprietary and confidential to Montag Manufacturing, Inc.

DRAWN	NAME	DATE
APPROVED	SEC	7/13/2015
	IJM	01/30/20

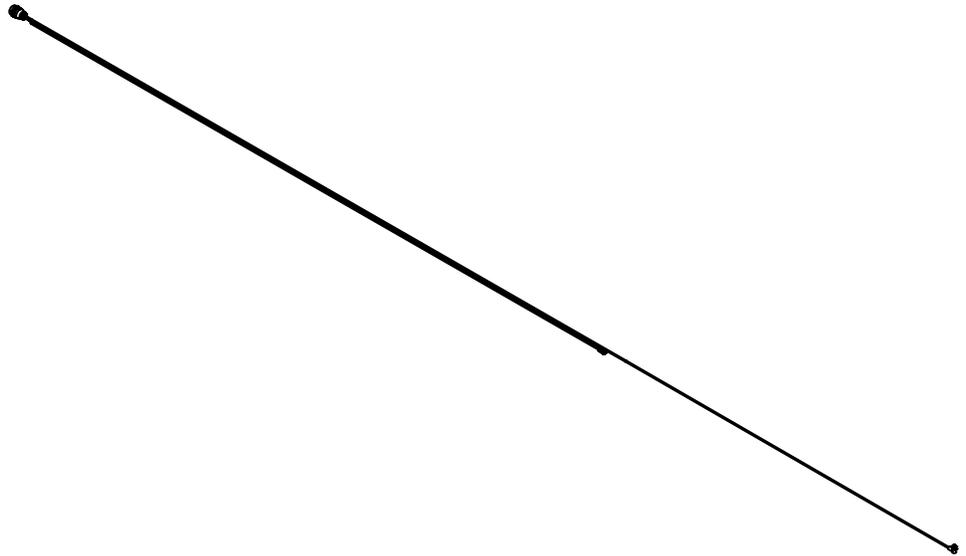
COMMENTS:  
18 AWG GXL WIRE

**TITLE:**  
Harness - 37 Pin GreenStar RC (Single Product/Section) (12V Encoder)

SIZE	PART. NO.	REV
<b>A</b>	<b>P002038</b>	<b>C</b>

SCALE: 1:6    WEIGHT: 5.00    SHEET 1 OF 2

Pin	Description	Connection Point	Color	Wire Size
1				
2	Electronic 0V	(C-3)	Black	18
3				
4	PWM 1 -	(B-2)	Yellow	18
5	PWM 1 +	(B-1)	Yellow	18
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28	Encoder	(C-4)	Gray	18
29				
30				
31				
32				
33				
34				
35				
36				
37	Electronic 12V	(C-1)	Red	18
38				
39				
40				
41				
42				
(Connector # - pin location within connector)				



		<b>MONTAG MFG</b> 3816 461st AVE, Emmetsburg, IA 50536		P: 712-852-4572 F: 712-852-4574 www.montagmfg.com	
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		DRAWN	SEC		
MATERIAL N/A		APPROVED	IJM	01/30/20	SIZE <b>A</b>
FINISH N/A		COMMENTS: 18 AWG GXL WIRE		PART. NO. <b>P002038</b>	REV <b>C</b>
		SCALE: 1:28		WEIGHT: 5.00	SHEET 2 OF 2