

ITT CANNON #DBMSVSPK87 (ECK01236)
(POPULATE ALL CONTACT POSITIONS)
BACKSHELL: SEE TERMINATION CHART
CONSOLIDATED (STANDARD)
(4 COND. #16), ECK00566

PIN	WIRE	SIGNAL
A1	BLK	MTR #A
A2	RED	MTR #B
A3	WHT	MTR #C
A4	-	-
A5 (1/2)	GRN/YEL	FRM GND
A5 (2/2)	SHIELD	SHIELD
SHELL	SHIELD	SHIELD

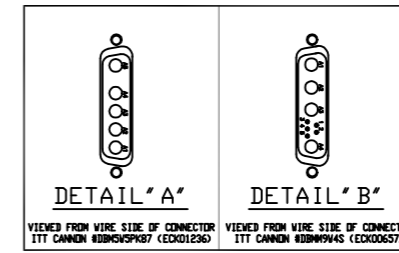
UNUSED WIRES (ECK00566): NONE

ITT CANNON #DBMM9W4S (ECK00657)
BACKSHELL: SEE TERMINATION CHART
CONSOLIDATED (STANDARD)
(4 COND. #16), ECK00566

SIGNAL	WIRE	SOCKET
MTR #A	BLK	A1
MTR #B	RED	A2
MTR #C	WHT	A3
FRM GND	GRN/YEL	A4
SHIELD	SHIELD	1
SHIELD	SHIELD	SHELL

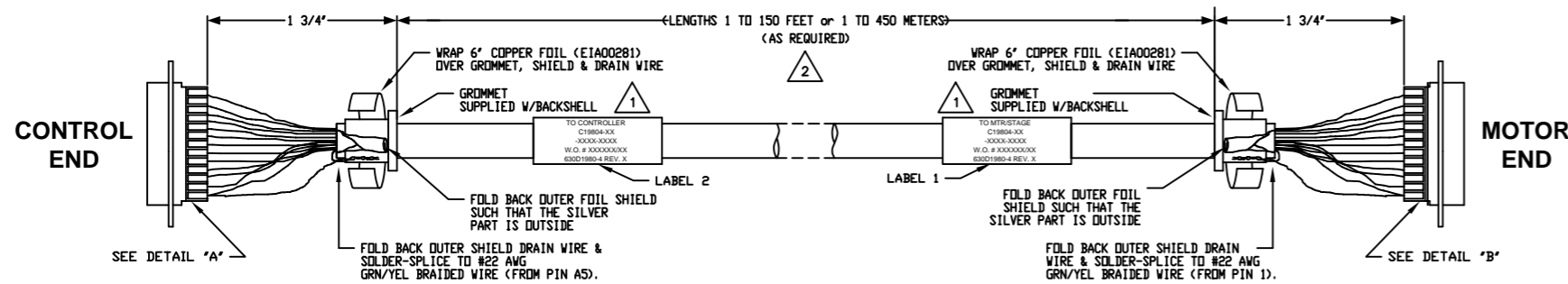
CONTROL END

MOTOR END



TERMINATION CHART

<p>25DU STRAIGHT BACKSHELL (ECK00656) VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR</p>	<p>25DUT STRAIGHT BACKSHELL (ECK00656) (2) THUMBSCREWS (ECK01247) VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR</p>
<p>25DU45L 45 DEGREE BACKSHELL (ECK01070) LEFT HANDED VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR</p>	<p>25DU45R 45 DEGREE BACKSHELL (ECK01070) RIGHT HANDED VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR</p>
<p>25DU90L 90 DEGREE BACKSHELL (ECK01370) LEFT HANDED VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR</p>	<p>25DU90R 90 DEGREE BACKSHELL (ECK01370) RIGHT HANDED VIEW LOOKING INTO CONTACT SIDE OF CABLE CONNECTOR</p>



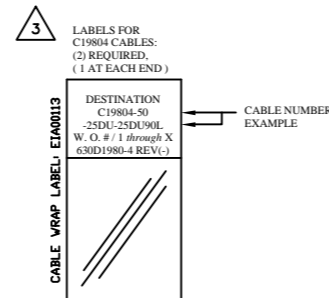
CONFIGURED CABLE PROCEDURE:

THE PURPOSE OF THIS DRAWING IS TO DEFINE VARIOUS BACKSHELL AND SCREWLOCK TYPES AS REQUIRED BY THE SHOP TRAVELLER.

- 1.) LOCATE THE SHOP TRAVELLER FOR CABLE TO BE MANUFACTURED.
- 2.) USING SHOP TRAVELLER AND TERMINATION CHART AT RIGHT:
 - a.) DETERMINE 'CONTROL END' TERMINATION.
 - b.) DETERMINE 'MOTOR END' TERMINATION.
- 5.) USING THE ABOVE INFORMATION, MANUFACTURE CABLE WITH APPROPRIATE TERMINATIONS.
- 6.) LABEL CABLE WITH NEW CONFIGURED PART NUMBER PER NOTE 3. FOLLOWING THE 'CONFIGURED PART NUMBER DEFINITION' SHOWN AT FAR RIGHT.

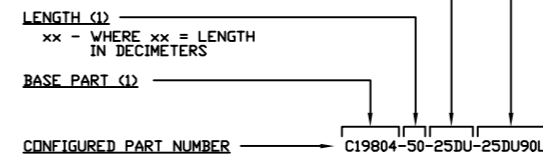
2 STARTING CABLE LENGTH = 6 in. BEYOND SPECIFIED LENGTH OF CABLE DO NOT EXCEED LENGTH OF 150 FT FOR THIS DESIGN

1 USE #2 GROMMET WITH 2 DOTS WHICH IS SUPPLIED W/BACKSHELL



- MOTOR END (1)**
- 25DU - STRAIGHT BACKSHELL
 - 25DUT - STRAIGHT BACKSHELL w/THUMBSCREWS
 - 25DU45L - 45 DEGREE BACKSHELL - LEFT HAND
 - 25DU45R - 45 DEGREE BACKSHELL - RIGHT HAND
 - 25DU90L - 90 DEGREE BACKSHELL - LEFT HAND
 - 25DU90R - 90 DEGREE BACKSHELL - RIGHT HAND
- CONTROL END (1)**
- 25DU - STRAIGHT BACKSHELL
 - 25DUT - STRAIGHT BACKSHELL w/THUMBSCREWS
 - 25DU45L - 45 DEGREE BACKSHELL - LEFT HAND
 - 25DU45R - 45 DEGREE BACKSHELL - RIGHT HAND
 - 25DU90L - 90 DEGREE BACKSHELL - LEFT HAND
 - 25DU90R - 90 DEGREE BACKSHELL - RIGHT HAND

- LENGTH (1)**
- xx - WHERE xx = LENGTH IN DECIMETERS
- BASE PART (1)**



CONFIGURED PART NUMBER DEFINITION
NUMBER SHOWN FOR EXAMPLE ONLY

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<p>CONFIGURED BRUSHLESS MOTOR CABLE CABLE: BL MTR-5DU-4DU-MAX450DM</p>			
<p>TOLERANCES ON FRACTIONS DECIMALS ANGLES 0 TO 6 ± 1/32 .XX ± .01 ± 0-30' OVER 6 ± 1/16 .XXX ± .005</p>		<p>RMS FINISH EXCEPT AS NOTED</p>	
<p>DRAWN EJB 1/16/06</p>	<p>CHECKED JLD 1/16/06</p>	<p>APPD. JLD 1/16/06</p>	<p>PART CODE SIZE C19804-XX D 630D1980-4</p>
<p>SCALE NTS</p>		<p>FILE NAME 630D1980-401.DWG</p>	<p>SHEET 1 OF 1</p>