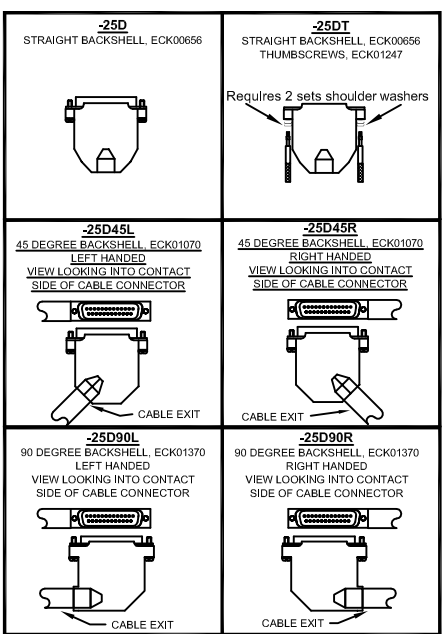
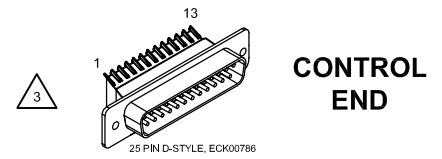
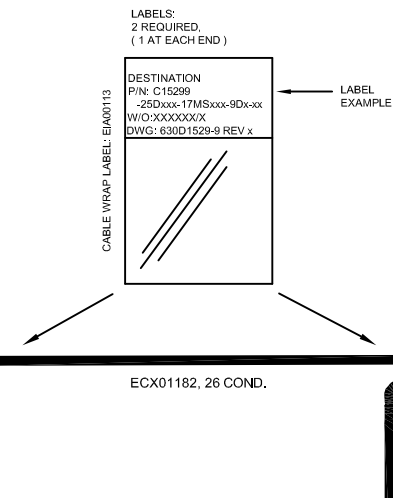


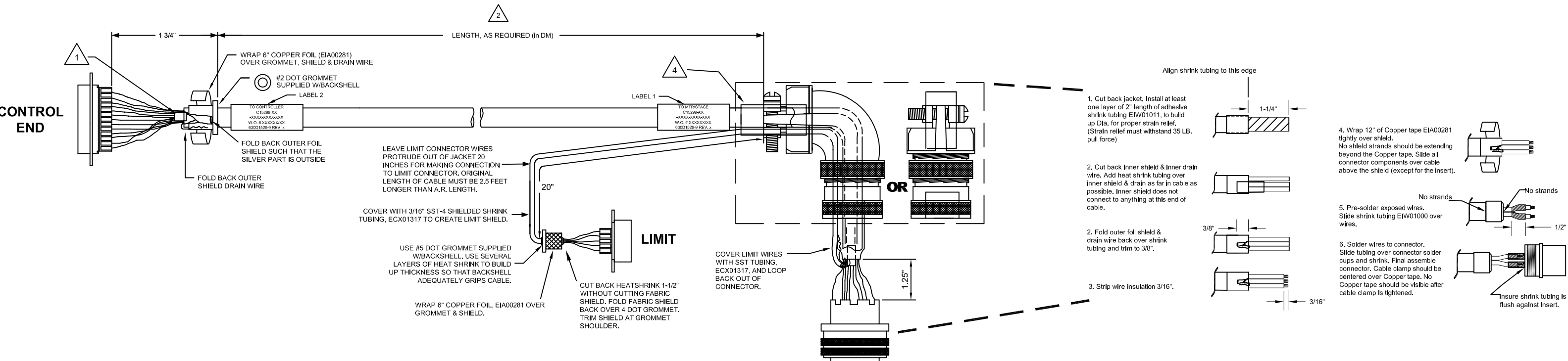
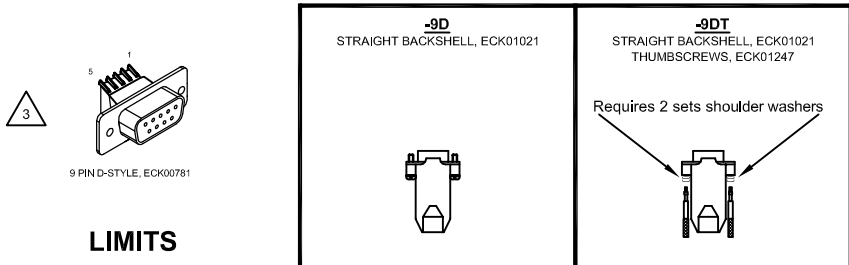
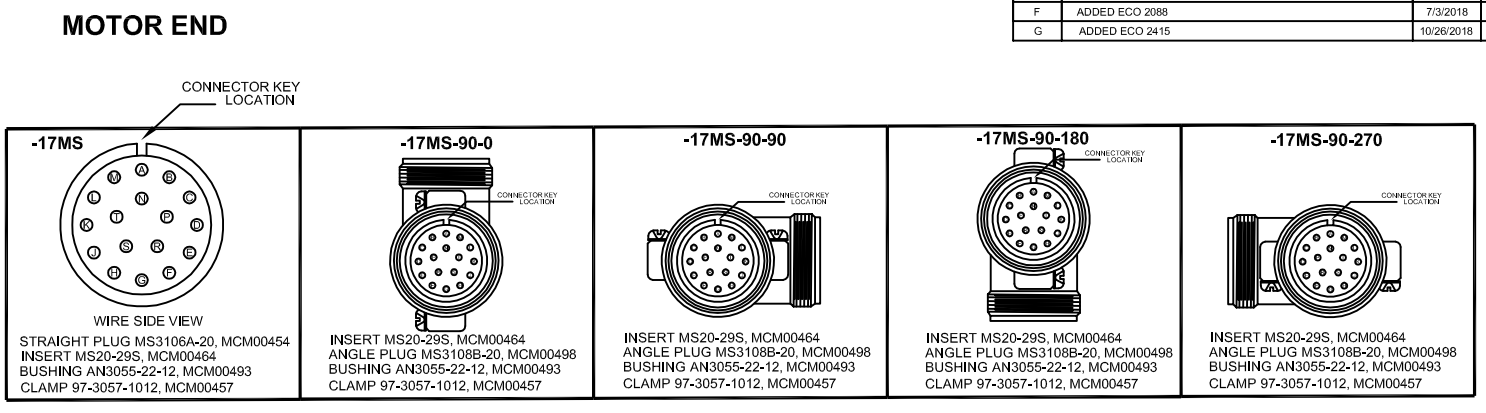
REVISIONS			
REV.	DESCRIPTION	DATE	DRAWN
A	ADDED ECN 8754	6-8-05	LTL
B	ADDED ECN 10741	1/15/08	JFM
C	ADDED ECN 13360	5/4/11	MS
D	ADDED ECN 16555	4/1/15	TES
E	UPDATED LAYERS FOR EPICOR	7/12/2017	JFM
F	ADDED ECO 2088	7/3/2018	JFM
G	ADDED ECO 2415	10/26/2018	JFM



PIN	WIRE	SIGNAL
13	BLU/BLK	BRK-
12	WHT	CW/+ LMT
11	GRY/RED	HALL C
10	GRY/BLK	HALL A
9	-	-
8	-	-
7	BRN	MKR
6	WHT/BRN	MKR-N
5	WHT/GRY	HALL B
4	-	-
3	#22 VIO	ENC +5V
2	#22 WHT/VIO	THERM
1	-	-
CASE	OUTER SHIELD	OUTER SHIELD
14	RED	COS
15	WHT/RED	COS-N
16	#24 RED/ORN	LMT +5V
17	ORN	SIN
18	WHT/ORN	SIN-N
19	-	-
20	#24 BLK/ORN	LMT COM
21	#22 GRN	ENC COM
22	#22 WHT/GRN	INNER SHLD
23	PINK	HM LMT
24	GRY	CCW/- LMT
25	BLU	BRK+



SIGNAL	WIRE	SOCKET
ENC COM	#22 GRN	G
ENC +5V	#22 WHT/GRN	H
-	#22 WHT/VIO	J
MKR-N	WHT/BRN	F
BRK+	BLU	S
-	-	R
MKR	BRN	E
HALL A	GRY/BLK	K
THERM	BLK	L
BRK-	BLU/BLK	T
HALL C	GRY/RED	P
SIN-N	WHT/ORN	D
HALL B	WHT/GRY	M
-	-	N
SIN	ORN	C
COS-N	WHT/RED	B
COS	RED	A
INNER SHIELD	INNER SHLD	N.C.
SHIELD	OUTER SHLD	SHELL



CONFIGURED CABLE PROCEDURE:

THE PURPOSE OF THIS DRAWING IS TO DEFINE THE BACKSHELL AND SCREWLOCK TYPES AS REQUIRED BY THE WORK ORDER.

- LOCATE THE WORK ORDER FOR THE CABLE TO BE MANUFACTURED.
- USING THE WORK ORDER AND TERMINATION CHARTS:
 - DETERMINE "CONTROL END" TERMINATION.
 - DETERMINE "MOTOR END" TERMINATION.
 - DETERMINE "LIMIT" TERMINATION.
- USING THE ABOVE INFORMATION, MANUFACTURE CABLE WITH APPROPRIATE TERMINATIONS.
- LABEL CABLE WITH CONFIGURED PART NUMBER, FOLLOWING THE "CONFIGURED PART NUMBER DEFINITION"

LENGTH	LENGTH IN DECIMETERS (DM), PER W.O.
-25D - STRAIGHT BACKSHELL	
-25DT - STRAIGHT BACKSHELL W/THUMB SCREWS	

LIMIT	LENGTH IN DECIMETERS (DM), PER W.O.
-25D - STRAIGHT BACKSHELL	
-25DT - STRAIGHT BACKSHELL W/THUMB SCREWS	

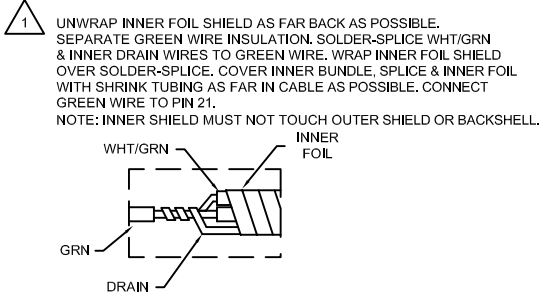
MOTOR END	LENGTH IN DECIMETERS (DM), PER W.O.
-17MS - STRAIGHT BACKSHELL	
-17MS-90-0 - 90 DEGREE BACKSHELL, 0 DEGREE KEYING	
-17MS-90-90 - 90 DEGREE BACKSHELL, 90 DEGREE KEYING	
-17MS-90-180 - 90 DEGREE BACKSHELL, 180 DEGREE KEYING	
-17MS-90-270 - 90 DEGREE BACKSHELL, 270 DEGREE KEYING	

CONTROL END	LENGTH IN DECIMETERS (DM), PER W.O.
-25D - STRAIGHT BACKSHELL	
-25DT - STRAIGHT BACKSHELL W/THUMB SCREWS	
-25D45L - 45 DEGREE BACKSHELL - LEFT HAND	
-25D45R - 45 DEGREE BACKSHELL - RIGHT HAND	
-25D90L - 90 DEGREE BACKSHELL - LEFT HAND	
-25D90R - 90 DEGREE BACKSHELL - RIGHT HAND	

BASE PART

C15299 -25D90L -17MS -25DT -50

CONFIGURED PART NUMBER EXAMPLE ONLY



- STARTING CABLE LENGTH = 2.5 FT BEYOND SPECIFIED LENGTH OF CABLE.
- FOR CRIMP TOOL USE AMP HANDLE ASSY 58074-1 WITH AMP HEAD ASSY 58063-2
- USE 2" LENGTHS OF THICK WALL HEATSHRINK TUBING (EIW00113 - QTY 1, EIW00112 - QTY 1) 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)

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	EJB	3/22/05
CHECKED	JLD	3/22/05
APPD.	JFM	3/22/05

BRUSHLESS FEEDBACK CABLE
CON-CFG - BL FB-25Dxx-17MSxx 9Dx-MAX116DM

PART CODE	SIZE	REV.
C15299	D	G

SCALE NTS FILE NAME 630D1529-9.DWG SHEET 1 OF 1