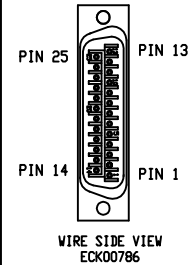


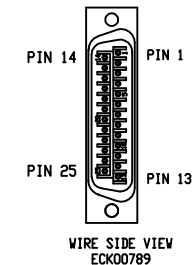
MALE 25 PIN D-STYLE, ECK00786
BACKSHELL, ECK00656

PIN	WIRE	SIGNAL
13	BLU/BLK	BRK-
12	WHT	CW/+ LMT
11	GRY/RED	HC
10	GRY/BLK	HA
9	#22 RED/BLK	SETUP (-5V)
8	WHT/YEL	ABS ENCODER DATA-
7	BRN	MKR
6	WHT/BRN	MKR-N
5	WHT/GRY	HB
4	GRN/BLK	STAGE ID
3	#22 VIO	ENC +5V
2	BLK	EXT SD
1	OUTER SHLD	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	YEL	ABS ENCODER DATA+
20	#24 BLK/ORN	LMT COM
21	#22 GRN	ENC COM
21	#22 WHT/GRN	ENC COM
21	INNER SHLD	INNER SHIELD
22	PNK	HOME LMT
23	YEL/BLK	ENC FLT
24	GRY	CCW/- LMT
25	BLU	BRK+

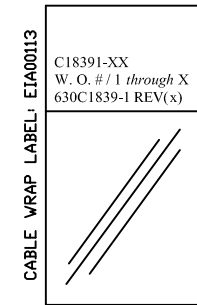


FEMALE 25 PIN D-STYLE, ECK00789
BACKSHELL, ECK00656

SIGNAL	WIRE	SOCKET
SHIELD	OUTER SHLD	1
EXT SD	LIMIT SHLD	2
ENC +5V	BLK	3
	#22 VIO	
	#22 WHT/VIO	
		4
HB	WHT/GRY	5
MKR-N	WHT/BRN	6
MKR	BRN	7
ABS ENCODER DATA-	WHT/YEL	8
SETUP (-5V)	#22 RED/BLK	9
HA	GRY/BLK	10
HC	GRY/RED	11
		12
BRK-	BLU/BLK	13
BRK+	BLU	25
		24
ENC FLT	YEL/BLK	23
		22
ENC COM	#22 GRN	21
	#22 WHT/GRN	
		20
ABS ENCODER DATA+	YEL	19
SIN-N	WHT/ORN	18
SIN	ORN	17
		16
COS-N	WHT/RED	15
COS	RED	14
INNER SHIELD	INNER SHLD	N.C.



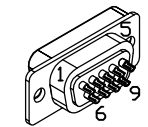
LABELS:
(2) REQUIRED,
(1 AT EACH END)



ECX01182
26 COND.
ALL WIRES #26, EXCEPT WHERE INDICATED
(#26x13, #26TPx3, #24x2, #24x5)
UNUSED WIRES: NONE

FEMALE 9 PIN D-STYLE, ECK00340
BACKSHELL, ECK01021

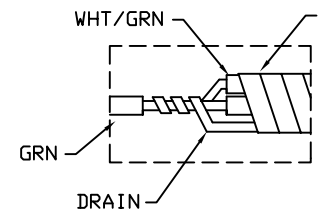
SIGNAL	WIRE	SOCKET
LMT +5V	#24 RED/ORN	1
LMT COM	#24 BLK/ORN	2
CW/+ LMT	WHT	3
HOME LMT	PNK	4
CCW/- LMT	GRY	5
LIMIT SHIELD	SHIELD	CASE
COM		7
STAGE ID	GRN/BLK	8



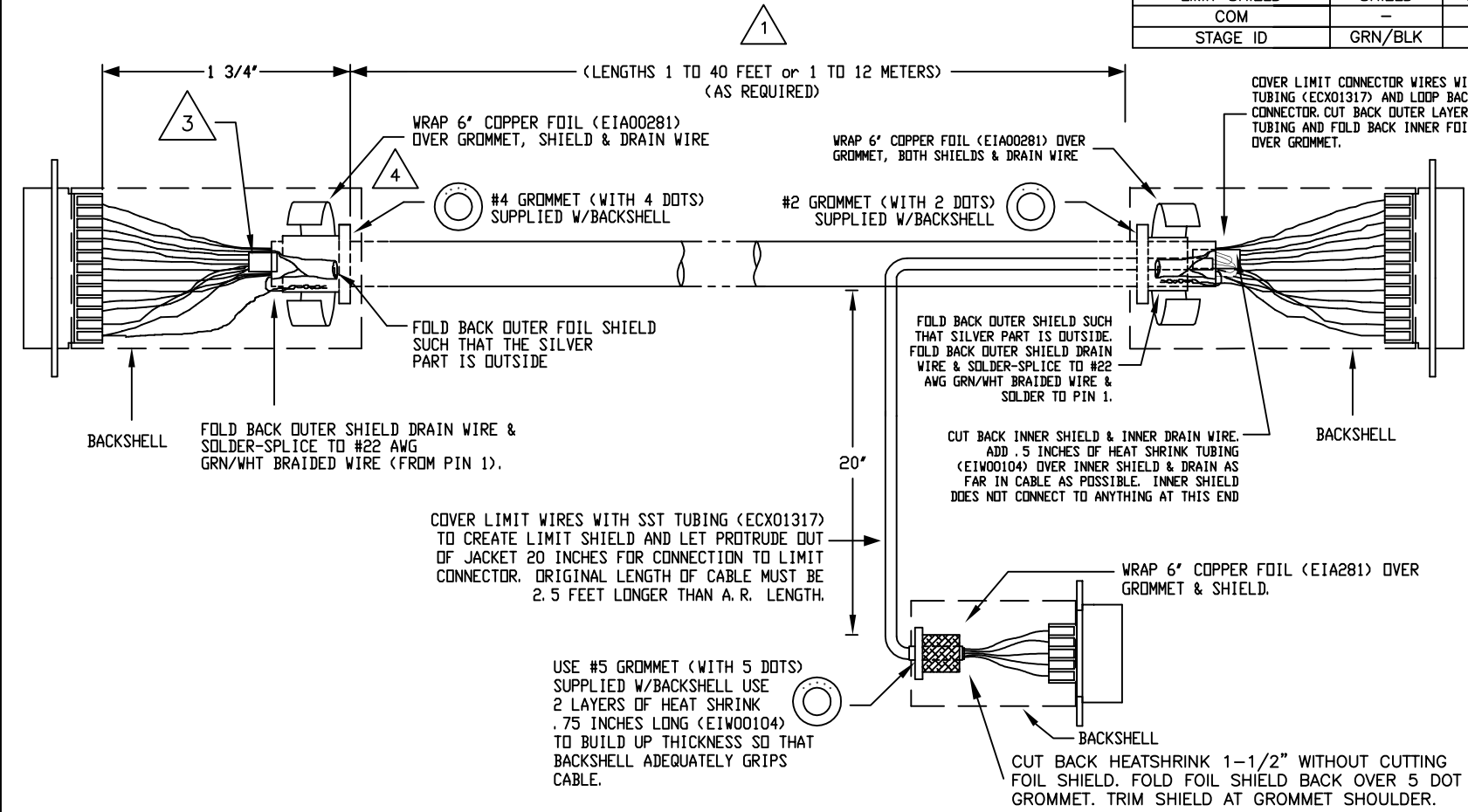
JUMPER PIN (EIK00351)

REV.	ZONE	DESCRIPTION	DATE	APPROVAL
A		ADDED ECN4636	1/21/00	JAB
B		ADDED SHRINK TUBING DET. 'A' & 'B'. ECN5212	4/12/01	DJS/DH
C		ADDED ECN6721	1/31/03	RWR
D		ADDED ECN7308	8/19/03	EJB
E		ADDED ECN7842	4/7/04	EJB
F		ADDED ECN 10766	1/08	JFM
G		ADDED ECN11828	4/09	WG
H		ADDED ECN15011A	8/13	AMD

- 4 USE HEATSHRINK TUBING TO BUILD UP THICKNESS OF CABLE SO THAT BACKSHELL ADEQUATELY GRIPS CABLE.
- 3 UNWRAP INNER FOIL SHIELD AS FAR BACK AS POSSIBLE. SEPARATE GREEN WIRE INSULATION. SOLDER-SPLICE WHT/GRN & INNER DRAIN WIRES TO GREEN WIRE. WRAP INNER FOIL SHIELD OVER SOLDER-SPLICE. COVER INNER BUNDLE, SPLICE & INNER FOIL WITH .5 INCHES OF SHRINK TUBING (E1W00104) AS FAR IN CABLE AS POSSIBLE. CONNECT GREEN WIRE TO PIN 21.
NOTE: INNER SHIELD MUST NOT TOUCH OUTER SHIELD OR BACKSHELL.



- 2 FOR CRIMP TOOL USE AMP HANDLE ASSY 58074-1 WITH AMP HEAD ASSY 58063-2
- 1 STARTING CABLE LENGTH = 2.5 FT BEYOND SPECIFIED LENGTH OF CABLE DO NOT EXCEED LENGTH OF 40 FT FOR THIS DESIGN



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UNDER PENALTY OF LAW.

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	LTL 11-4-99
CHECKED	JAB 1-21-00
APPD.	JAB 1-21-00

AEROTECH ® AEROTECH, INC. 101 Zeta Drive
Pittsburgh, PA. 15238
(412)963-7470 TWX710-795-3125

BRUSHLESS FEEDBACK CABLE
150 DECIMETERS (50') MAX LENGTH
CABLE: BL FB-25DU-25DU 9DU-MAX150DM

PART CODE	SIZE	REV.
C18391	C	H

SCALE NTS FILE NAME 630C1839-1H1.DWG SHEET 1 OF 1