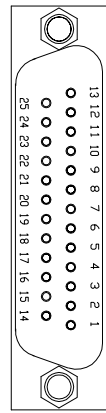


REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPROVAL

AXIS MOTOR/FEEDBACK CONNECTOR (DETAIL-A)

- (1) DB25P CONNECTOR (ECK00101)
- (1) DB25 BACK SHELL (ECK00656)
- JACKSOCKETS (ECK00129)
- KEY PIN 1 BY REMOVING PIN



DETAIL-A
DB25P (ECK00101)
VIEW: WIRING SIDE

TO SINGLE CONNECTOR
MTR/FDBK CABLE

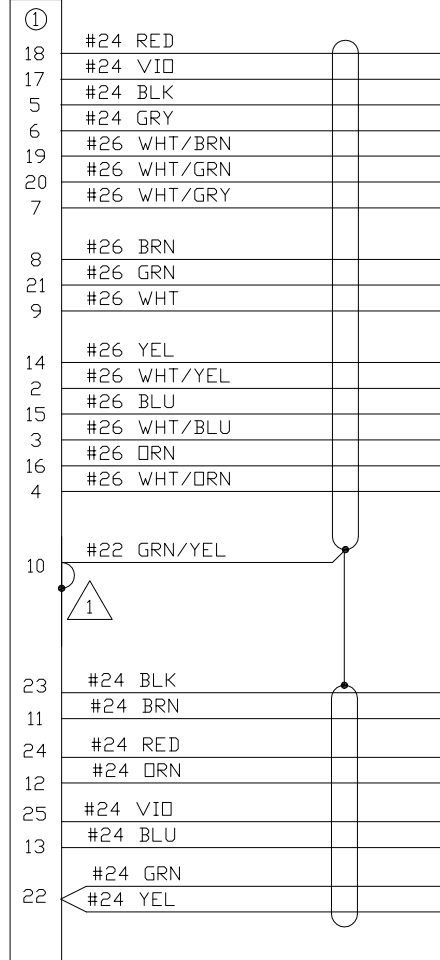
- KEY
- 5V
- 5V
- 0V
- 0V
- CW/+ LMT
- HOME LMT
- CCW/- LMT

- HALL A
- HALL B
- HALL C

- COS
- COS-N
- SIN
- SIN-N
- MKR
- MKR-N

SHIELD

- MOTOR PHASE A
- MOTOR PHASE A
- MOTOR PHASE B
- MOTOR PHASE B
- MOTOR PHASE C
- MOTOR PHASE C
- FRAME GROUND

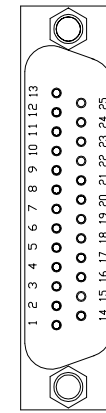


GORE WIRE ENC.CABLE
12C-26AWG/4C-24AWG
GSC-01-22575-00
(ECX01126)

CABLE FAC8434 GORE 8COND 24AWG SHIELDED
(ECX00569)

AXIS FEEDBACK CONNECTOR (DETAIL-B)

- (1) DB25S CONNECTOR (ECK00300)
- (1) DB25 BACK SHELL (ECK00656)



DETAIL-B
DB25S (ECK00300)
VIEW: WIRING SIDE

TO STAGE FDBK
CONNECTOR

- 3 5V
- 16 5V
- 20 0V
- 21 0V
- 12 CW/+ LMT
- 22 HOME LMT
- 24 CCW/- LMT

- 10 HALL A
- 5 HALL B
- 11 HALL C

- 14 COS
- 15 COS-N
- 17 SIN
- 18 SIN-N
- 7 MKR
- 6 MKR-N

1 SHIELD

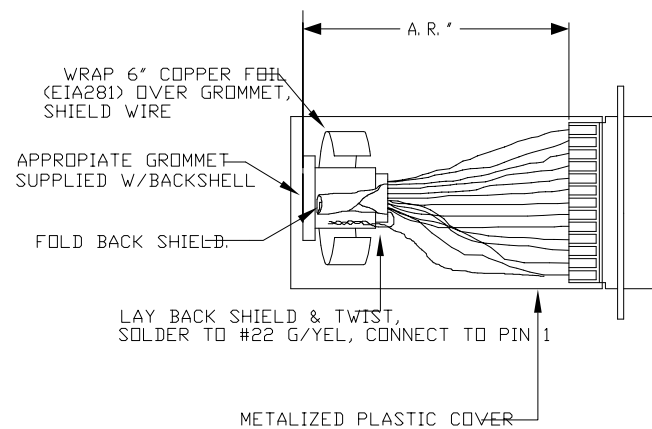
- A1 MOTOR PHASE A
- A2 MOTOR PHASE B
- A3 MOTOR PHASE C
- A4 FRAME GROUND
- 1 SHIELD

TO STAGE MTR
CONNECTOR

- AXIS MOTOR CONNECTOR (DETAIL-C)
- (1) CONN. HI-PWR'D: DBMM9W4S (ECK00657)
- (4) SOCKET CONTACT: #DM53744-6 (ECK00659)
- (1) DB25 BACK SHELL (ECK00656)

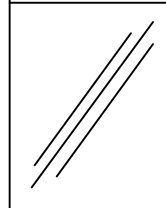
DETAIL-C
DBMM9W4S
VIEW: WIRING SIDE

1 SHIELD TERMINATION WITH METALIZED PLASTIC COVERS WITH PIN 1 & SHIELD TIED TOGETHER.



2 LABEL EIA00113

P/N: C2164-XX
W/N: XXXXX/X
DWG:
630C2164-1 REV(-)



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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	DCM	8-10-06
CHECKED	AGS	8-10-06
APPD.	AGS	8-10-06

PART CODE:
C2164-XX C2164-1 TO -10 MAX LENGTH (DECIMETERS)



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

BRUSHLESS MTR/FDBK
1 CONN TO 2 CONN ADAPTER
CABLE: BL MTR & FB-25DUJS-25DU 4DU-ADP-MAX10DM

PART CODE	SIZE	REV.
SEE ABOVE	C	630C2164-1
SCALE NTS	FILE NAME	SHEET 1 OF 1
	630C2164-101.DWG	