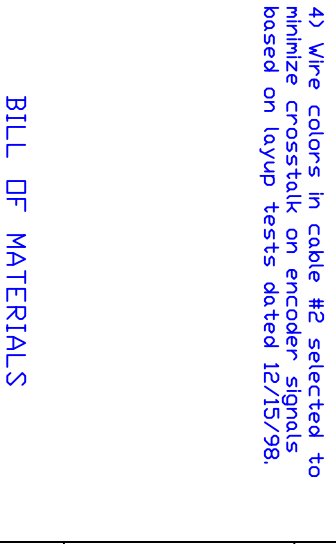


REV	DESCRIPTION/ECD NO.	DATE
A	RELEASE	11/11/03
B	UPDATE TERMINALS	3/1/04
C	CHANGE CABLE TIES TO 4	3/15/04

Notes:

- 1) Trim GRN wire to jacket strip length on both ends of cable #2.
- 2) Sleeve on shield drain wires. Capture sleeve in crimp terminals, 4 places.
- 3) Cables to be bagged individually with external label listing Teknic PN and rev level.
EXAMPLE: ISC-MC-T/A



P1 ASSIGNMENTS

SIGNAL	CABLE	TERMINAL	COLOR	COLOR	TERMINAL	CABLE	SIGNAL
NC				16	7		NC
ENG A	2	B	BRN	15	7	B	GND
ENG B	2	B	VID	14	6	B	SIGNAL SHIELD
ENC 1	2	B	DRN	13	5	B	COMM-T
+5 ENC	2	B	WHT	12	4	B	COMM-S
T	1	A	CLR	11	3	B	COMM-R
S	1	A	RED	10	2	B	+5 HALL
R	1	A	BLK	9	1	A	MOTOR SHIELD

WIRE END VIEW

J1 ASSIGNMENTS

SIGNAL	CABLE	TERMINAL	COLOR	COLOR	TERMINAL	CABLE	SIGNAL
R	1	A	BLK	9	1	A	MOTOR SHIELD
S	1	A	RED	10	2	B	+5 HALL
T	1	A	CLR	11	3	B	COMM-R
+5 ENC	2	B	WHT	12	4	B	COMM-S
ENC 1	2	B	DRN	13	5	B	COMM-T
ENG B	2	B	VID	14	6	B	SIGNAL SHIELD
ENG A	2	B	BRN	15	7	B	GND
NC				16	8		NC

WIRE END VIEW

BILL OF MATERIALS

7	1	CABLE MARKING, WRAP-TYPE, 1' X 3/8" WHITE	BRADY/DAT-85-292-X PANDUIT/PDL-249-1
6	4	CABLE TIE, BLK, 4"	RICHCO/VIT-186-B
5	2	SLEEVEING, GREEN	RAYCHEM/RNF-100-3/32-GN
4	2	FDR 18AWG DRAIN WIRE, 2.5'	ALPHA/PVC-105-22-CLEAR
3	4	SLEEVEING, CLEAR PVC	ALPHA/PVC-105-22-CLEAR
2	4	FDR 24AWG DRAIN WIRE, 2.5'	RAYCHEM/VERSAFIT-3/8-0
1	12'	HEATSHRINK, 3/8" x 3/4"	ALPHA/FT-221-3/8
	12'	CABLE, 10 COND, 24AWG, PVC/DATALENE FOIL SHLD	BELDEN/9935
	12'	CABLE, 3 COND, 18AWG PVC/PVC, FOIL SHIELD	BELDEN/8770 DR CAROL/CS35
P1-B	10	TERMINAL, PIN, MINIFIT	MOLEX/39-00-0048
P1-A	4	TERMINAL, PIN, MINIFIT	MOLEX/39-00-0040
P1	1	HOUSING, MINIFIT 16, PLUG	MOLEX/39-01-3163
J1-B	10	TERMINAL, SOCKET, MINIFIT	MOLEX/39-00-0046
J1-A	4	TERMINAL, SOCKET, MINIFIT	MOLEX/39-00-0038
J1	1	HOUSING, MINIFIT 16, RECP	MOLEX/39-01-2160

Teknic, Inc.

DESCRIPTION
ISC motor cable, TL encoder, 144"

TOLERANCES UNLESS OTHERWISE SPECIFIED:	DATE	SCALE	DRAWN BY	MATERIAL	FINISH	DESCRIPTION	DWG. NO.	REV.
ANGULAR ± 1°	11/12/03	NONE	JW			ISC17-MC-T revC	ISC17-MC-T	C
LINEAR ± .020								

6 5 4 3 2 1