

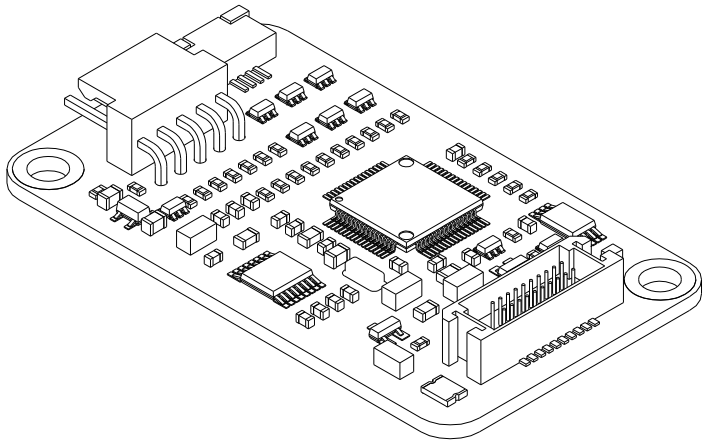
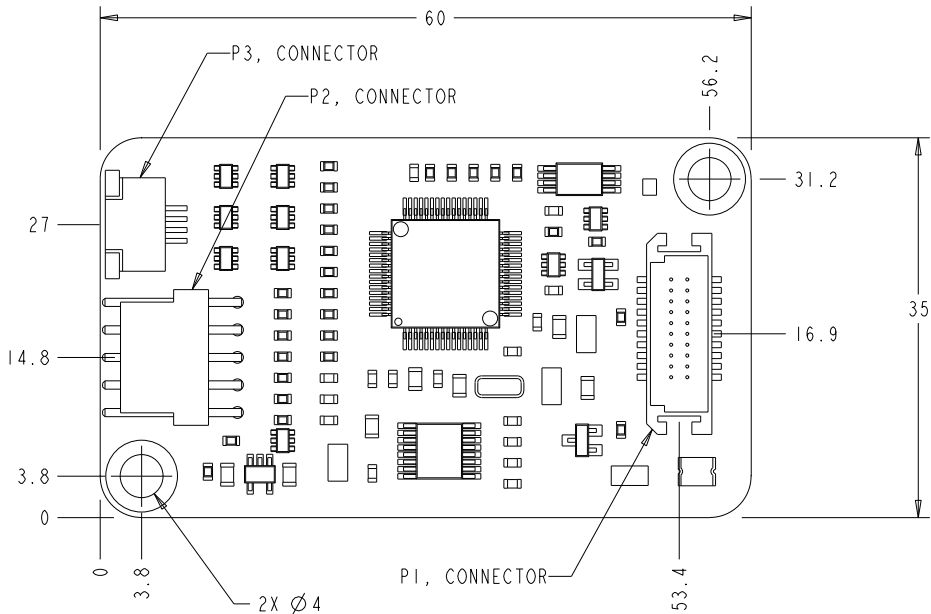
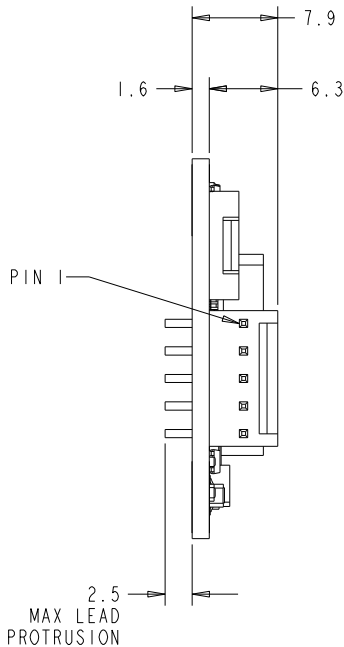
PROPRIETARY TO ELO TOUCHSYSTEMS, INC. AND SHALL NOT BE DISCLOSED
OTHER THAN TO NECESSARY EMPLOYEES OR SUPPLIERS WITHOUT THE
EXPRESS WRITTEN CONSENT OF ELO TOUCHSYSTEMS, INC.

ELO TOUCHSCREEN CONTROLLER

CTR-221600-AT-RSU-00R

REVISIONS

REV	ZONE	BY	DESCRIPTION	DATE	APPROVED
A	--	HAG	RELEASED PER ECO 6295	09.20.06	CCB
B	--	HAG	REVISED PER ECO 07-008998, ADDED MAX LEAD PROTRUSION	04.25.07	CCB



CONNECTOR P1
PIN OUT INFORMATION

SIGNAL NAME	P1 PIN	SOURCED BY	SIGNAL FUNCTION
DCD	11	ctrlr	carrier detect , handshake = 0 (POSITIVE) when controller power on
DSR	12	ctrlr	data set ready , handshake = 0 (POSITIVE) when controller power on
RxD	13	ctrlr	serial data from controller to host
RTS	14	host	request to send , handshake = 0 (POSITIVE) when controller may send
TxD	15	host	serial data from host to controller
CTS	16	ctrlr	used as ready to receive , handshake = 0 (POSITIVE) when host may send
DTR	17	host	data terminal ready , handshake = 0 (POSITIVE) when controller may send
RI	-	n/u	not used
SG	19	com	signal ground

CONNECTOR P2
PIN OUT INFORMATION

SIGNAL NAME	P1 PIN	SIGNAL FUNCTION
H	1	Drive signal attached to the touchscreen substrate upper right corner when viewed from a user s perspective.
X	2	Drive signal attached to the substrate lower right corner
S	3	"Sense" signal attached to the touchscreen coversheet.
Y	4	Drive signal attached to the substrate upper left corner
L	5	Drive signal attached to the substrate lower left corner

CONNECTOR P3
PIN OUT INFORMATION

SIGNAL NAME	P1 PIN	SIGNAL FUNCTION
X+	1	Drive signal attached to the coversheet edge furthest from the cable.
Y+	2	Drive signal attached to the top of the substrate (cable on LHS, coversheet towards the viewer)
X-	3	Drive signal attached to the coversheet edge closest to the cable.
Y-	4	Drive signal attached to the bottom of the substrate (cable on LHS, coversheet towards the viewer)

PIP NUMBER	DESCRIPTION
E658721	CTR-221600-AT-RSU-00R

ITEM NO.	QTY REQ'D	DRAWING OR PART NO.	DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
PART. NO.	E658721		UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS	DRAWN A.GRICE 01.18.06 CHECK DATE
METRIC			TOLERANCES ARE: DECIMALS ANGLES X: ± 0.50 ±1/2° XX: ± 0.25 ±1/32	DESIGN A.GRICE 01.18.06 THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING			TITLE MKTG DWG. CTR-221600-AT-RSU-00R	
PartE - prt1.asm MS500413.PRT			SIZE SCALE SHEET DWG. NO. REV D 3.000 1 OF 1 MS500413 B	
PartE - drw1 MS500413.DRW			© ELO TOUCHSYSTEMS	