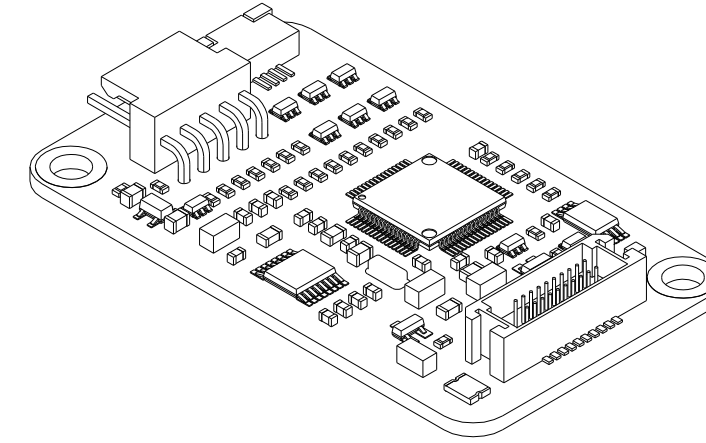
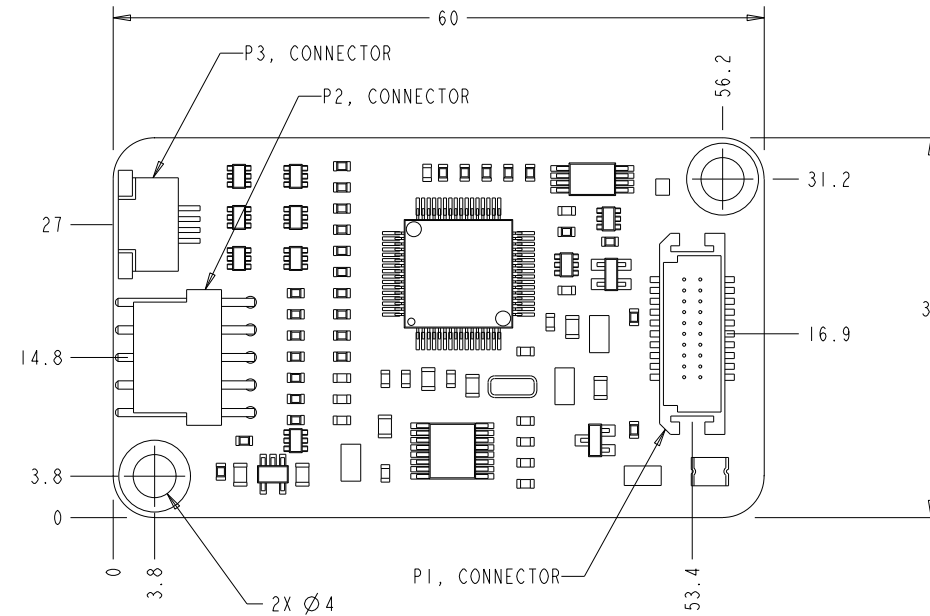
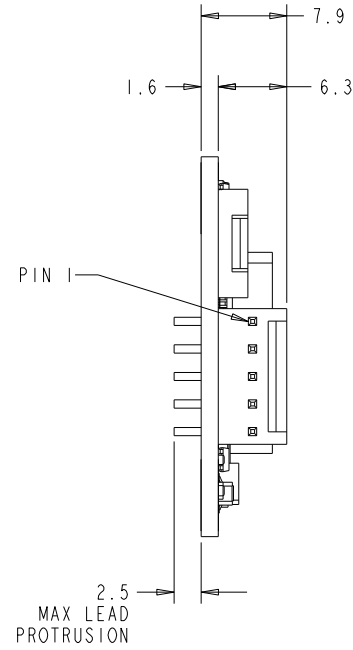


PROPRIETARY TO ELO TOUCHSYSTEMS, INC. AND SHALL NOT BE DISCLOSED OTHER THAN TO NECESSARY EMPLOYEES OR SUPPLIERS WITHOUT THE EXPRESS WRITTEN CONSENT OF ELO TOUCHSYSTEMS, INC.

**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	ctrl	carrier detect , handshake = 0 (POSITIVE) when controller power on
DSR	12	ctrl	data set ready , handshake = 0 (POSITIVE) when controller power on
RxD	13	ctrl	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	ctrl	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. <b>E658721</b>		UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS		DRAWN A.GRICE DATE 01.18.06
METRIC		TOLERANCES ARE: DECIMALS    ANGLES X: ± 0.50    ±1/2° Y: ± 0.25    ±1/32° Z: ± 0.13		
DO NOT SCALE DRAWING		DESIGN A.GRICE DATE 01.18.06		TITLE  <b>MKTG DWG, CTR-221600-AT-RSU-00R</b>
PartE_prt1.asm MS500413.PRT PartE_dwg MS500413.DRW		THIRD ANGLE PROJECTION		
		SIZE D 3.000		SHEET 1 OF 1
		DWG. NO. <b>MS500413</b>		REV <b>B</b>

SHEET 1 OF 1 REV B  
DWG. NO. MS500413

