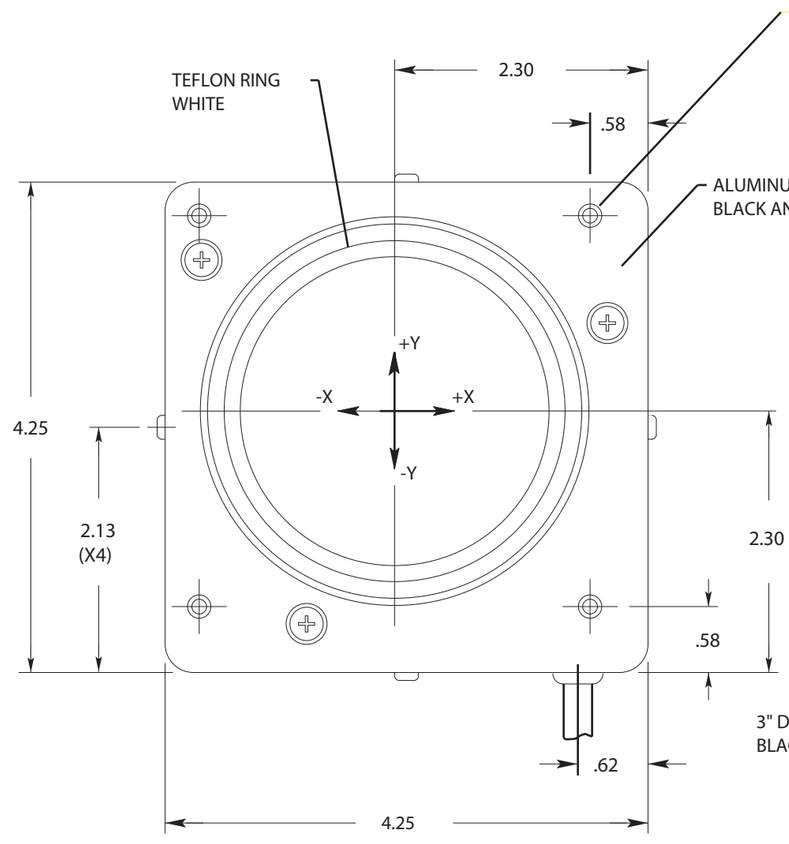
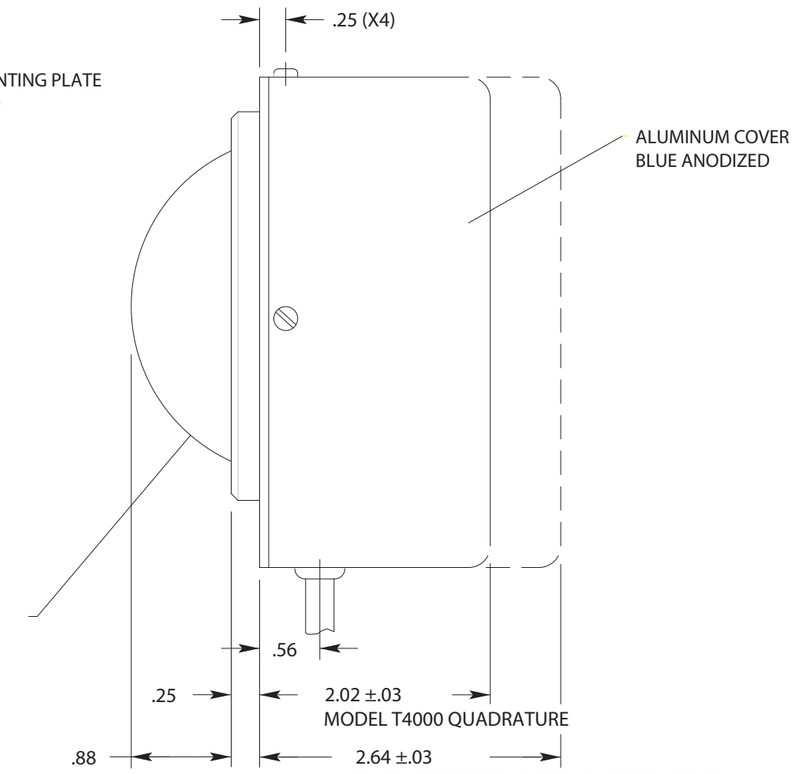
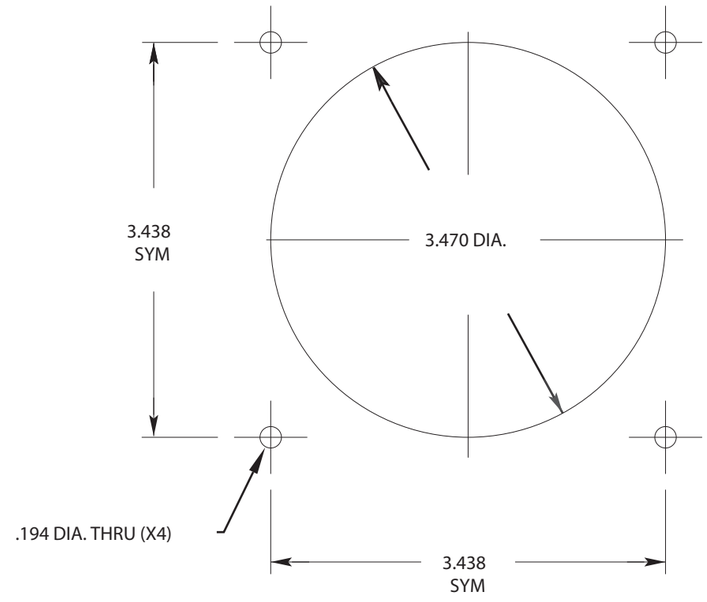


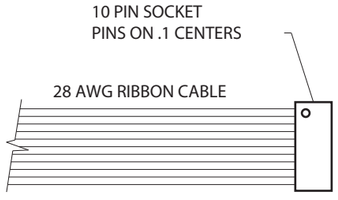




PANEL CUTOUT
DETAIL

NOTE:

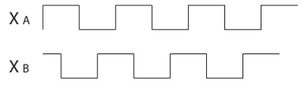
TO CONNECT MOUSE SWITCHES, REMOVE BOTTOM ENCLOSURE AND CABLE GROMMET.
RUN SWITCH CABLE TO PCB, CONTACT "CTI" FOR PINOUTS.



1	2
3	4
5	6
7	8
9	10

CUSTOMER PC BOARD
HEADER

PIN	FUNCTION	COLOR
1	Y_B	BROWN
2	COMMON	RED
3	+5V	ORANGE
4	Y_A	YELLOW
5	———	GREEN
6	———	BLUE
7	X_A	VIOLET
8	+5V	GRAY
9	COMMON	WHITE
10	X_B	BLACK



OUTPUT WAVEFORMS
"POSITIVE DIRECTION SHOWN"

FOR T4000 "ONLY"

ORDERING INFORMATION:

T4 □□0 [ ][ ][ ][ ] - [ ][ ][ ]

USE ONLY IF POWER OPTION IS "0"
Q RS232 OPTIONAL CABLE REF. B811610 WITH "AT" CONNECTOR (LEGACY)
P RS232 OPTIONAL CABLE REF. B811610 WITH PS/2 CONNECTOR (LEGACY)

DZ LOW TEMPERATURE AND CONFORMAL COATED PCB
Z CONFORMAL COATED PCB

MSOF MICROSOFT SERIAL MOUSE (RS232)

P PS/2 INTERFACE (6 PIN MINI DIN CONNECTOR, 9.5 FT. DEFAULT LENGTH)
U USB INTERFACE (9.5 FT. DEFAULT LENGTH)
1 RS232 (REQUIRES A POWER ADAPTOR OR "Q" CABLE OR "P" CABLE OPTION, 6.0 FT. DEFAULT LENGTH)
2 RS422 - CONTACT "CTI" FOR COMPLETE PART NUMBER
0 QUADRATURE OUTPUT (10 PIN CONNECTOR, 1.5 FT. DEFAULT LENGTH)

POWER OPTION
0 STANDARD
1 OPTIONAL RS232 POWER ADAPTOR CABLE

CTI ELECTRONICS CORPORATION
110 Old South Ave , Stratford , CT 06615 - Tel 203 / 386-9779 - Fax 203 / 378-4986 - www.ctielectronics.com

TITLE:
MODEL T4XX0 SERIES
3.0" DIA. TRACKBALL

REV. H DATE: 11-20-07

APPROVED:

DRAWN: SJS

B761205