493.20 FRONT VME – DIGITAL TABLE CONTROLLER (469D)

	SLOT 1	SLOT 2	SLOT 3	SLOT 4	SLOT 5	SLOT 6	SLOT 7	SLOT 8	SLOT 9	SLOT 10	SLOT 11	SLOT 12	SLOT 13	SLOT 14	SLOT 15	SLOT 16	SLOT 17	SLOT 18	SLOT 19	SLOT 20
	POWER PC MVME5110 PROCESSOR CPU-0	493.40 I/O CARRIER	493.40 I/O CARRIER	493.40 I/O CARRIER	493.40 I/O CARRIER	493.40 I/O CARRIER	493.40 I/O CARRIER	493.40 I/O CARRIER	493.40 I/O CARRIER	493.40 I/O CARRIER	BLANK PANEL	BLANK PANEL	493.40 I/O CARRIER	493.40 I/O CARRIER	493.40 I/O CARRIER	493.40 I/O CARRIER	493.40 I/O CARRIER	BLANK PANEL	494.40 I/O CARRIER	494.40 I/O CARRIER
PCI MEZZANINE CARD		J4 493.21B UNIV. COND DUCB X1 LVDT	J4 493.21B UNIV. COND DUCB Y1 LVDT	J4 493.21B UNIV. COND DUCB Z1 LVDT	J4 493.21B UNIV. COND DUCB X1 DELTA P	J4 493.21B UNIV. COND DUCB Y1 DELTA P	J4 493.21B UNIV. COND DUCB Z1 DELTA P	J4 493.21B UNIV. COND DUCB AX1 ACCEL	J4 493.21B UNIV. COND DUCB AZ1 ACCEL	J4 493.21B UNIV. COND DUCB AX5 ACCEL			J4 493.15B 3 STAGE VALVE DRIVER X1A	J4 493.15B 3 STAGE VALVE DRIVER Y1A	J4 493.15B 3 STAGE VALVE DRIVER Y3A	J4 493.15B 3 STAGE VALVE DRIVER Z1A	J4 493.15B 3 STAGE VALVE DRIVER Z3A		J4 493.46 6 CH. ANALOG OUTPUTS D/A	J4 493.45 6 CH. ANALOG INPUTS A/D
PCI MEZZANINE CARD		J5 493.21B UNIV. COND DUCB X2 LVDT	J5 493.21B UNIV. COND DUCB Y2 LVDT	J5 493.21B UNIV. COND DUCB Z2 LVDT	J5 493.21B UNIV. COND DUCB X2 DELTA P	J5 493.21B UNIV. COND DUCB Y2 DELTA P	J5 493.21B UNIV. COND DUCB Z2 DELTA P	J5 493.21B UNIV. COND DUCB AX2 ACCEL	J5 493.21B UNIV. COND DUCB AZ2 ACCEL	J5 493.21B UNIV. COND DUCB AY5 ACCEL			J5 493.15B 3 STAGE VALVE DRIVER X2A	J5 493.15B 3 STAGE VALVE DRIVER Y1B	J5 493.15B 3 STAGE VALVE DRIVER Y3B	J5 493.15B 3 STAGE VALVE DRIVER Z1B	J5 493.15B 3 STAGE VALVE DRIVER Z3B		J5 493.46 6 CH. ANALOG OUTPUTS D/A	J5 493.45 6 CH. ANALOG INPUTS A/D
SCRAMNET		J6 493.21B UNIV. COND DUCB X3 LVDT	J6 493.21B UNIV. COND DUCB Y3 LVDT	J6 493.21B UNIV. COND DUCB Z3 LVDT	J6 493.21B UNIV. COND DUCB X3 DELTA P	J6 493.21B UNIV. COND DUCB Y3 DELTA P	J6 493.21B UNIV. COND DUCB Z3 DELTA P	J6 493.21B UNIV. COND DUCB AY1 ACCEL	J6 493.21B UNIV. COND DUCB AZ3 ACCEL	J6 493.21B UNIV. COND DUCB AZ5 ACCEL			J6 493.15B 3 STAGE VALVE DRIVER X3A	J6 493.15B 3 STAGE VALVE DRIVER Y2A	J6 493.15B 3 STAGE VALVE DRIVER Y4A	J6 493.15B 3 STAGE VALVE DRIVER Z2A	J6 493.15B 3 STAGE VALVE DRIVER Z4A		J6 493.46 6 CH. ANALOG OUTPUTS D/A	J6 493.45 6 CH. ANALOG INPUTS A/D
LAN 2 / LAN 1 / 10/100 BASE T / DEBUG		J7 493.21B UNIV. COND DUCB X4 LVDT	J7 493.21B UNIV. COND DUCB Y4 LVDT	J7 493.21B UNIV. COND DUCB Z4 LVDT	J7 493.21B UNIV. COND DUCB X4 DELTA P	J7 493.21B UNIV. COND DUCB Y4 DELTA P	J7 493.21B UNIV. COND DUCB Z4 DELTA P	J7 493.21B UNIV. COND DUCB AY3 ACCEL	J7 493.21B UNIV. COND DUCB AZ4 ACCEL	J7 OPEN			J7 493.15B 3 STAGE VALVE DRIVER X4A	J7 493.15B 3 STAGE VALVE DRIVER Y2B	J7 493.15B 3 STAGE VALVE DRIVER Y4B	J7 493.15B 3 STAGE VALVE DRIVER Z2B	J7 493.15B 3 STAGE VALVE DRIVER Z4B		J7 493.46 6 CH. ANALOG OUTPUTS D/A	J7 493.45 6 CH. ANALOG INPUTS A/D

(1) 493.20 CHASSIS ASSEMBLY WITH POWER SUPPLY

(2) 493.20 CHASSIS MODULE SET-UP DOCUMENT - 700-001-150

(3) 493.20 FRONT COVER

J1 DAUGHTER CARD	CARD PLUG INTO CONNECTORS J101 & J102
J2 DAUGHTER CARD	CARD PLUG INTO CONNECTORS J201 & J202
J3 DAUGHTER CARD	CARD PLUG INTO CONNECTORS J301 & J302
J4 DAUGHTER CARD	CARD PLUG INTO CONNECTORS J401 & J402

493.40 I/O CARRIER

(STANDARD)
DAUGHTER BOARD LOCATIONS

NOTES:

1. SEE ITEM 2 (493.20 CHASSIS MODULE SETUP DOCUMENT) FOR I/O CARRIER SWITCH SETTINGS BEFORE PLACED IN CHASSIS.

2. (SEE SHEET 2) LABEL END OF CABLE PER SPECIFIC LOCATION AND WITH MTS CABLE PART NUMBER.

REVISIONS

DESCRIPTION			LETTER	ECN NO.
DRAWN	ENGR	DATE		

SOURCE/REF DRAWING:

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UNLESS OTHERWISE SPECIFIED

MATERIAL DESCRIPTION
MATERIAL SIZE
FINISH — MASK M
· THREAD DEPTHS ARE TO MIN FULL THDS
· DRILL DEPTHS ARE TO FULL DIA
· REMOVE BURRS AND SHARP EDGES
· DO NOT SCALE PRINT
SCALE N/A
MACHINED SURFACES 180 √

.XXX HOLE SIZE TOLERANCE: 0.000 TO .750 +.010/-.002; OVER .750 TO 1.500 +.015/-.003

GENERAL TOLERANCES: ANGLE ±2°; X/Y ±1/4; .X ±.1; .XX ±.03; .XXX ±.010

THIRD ANGLE PROJ.

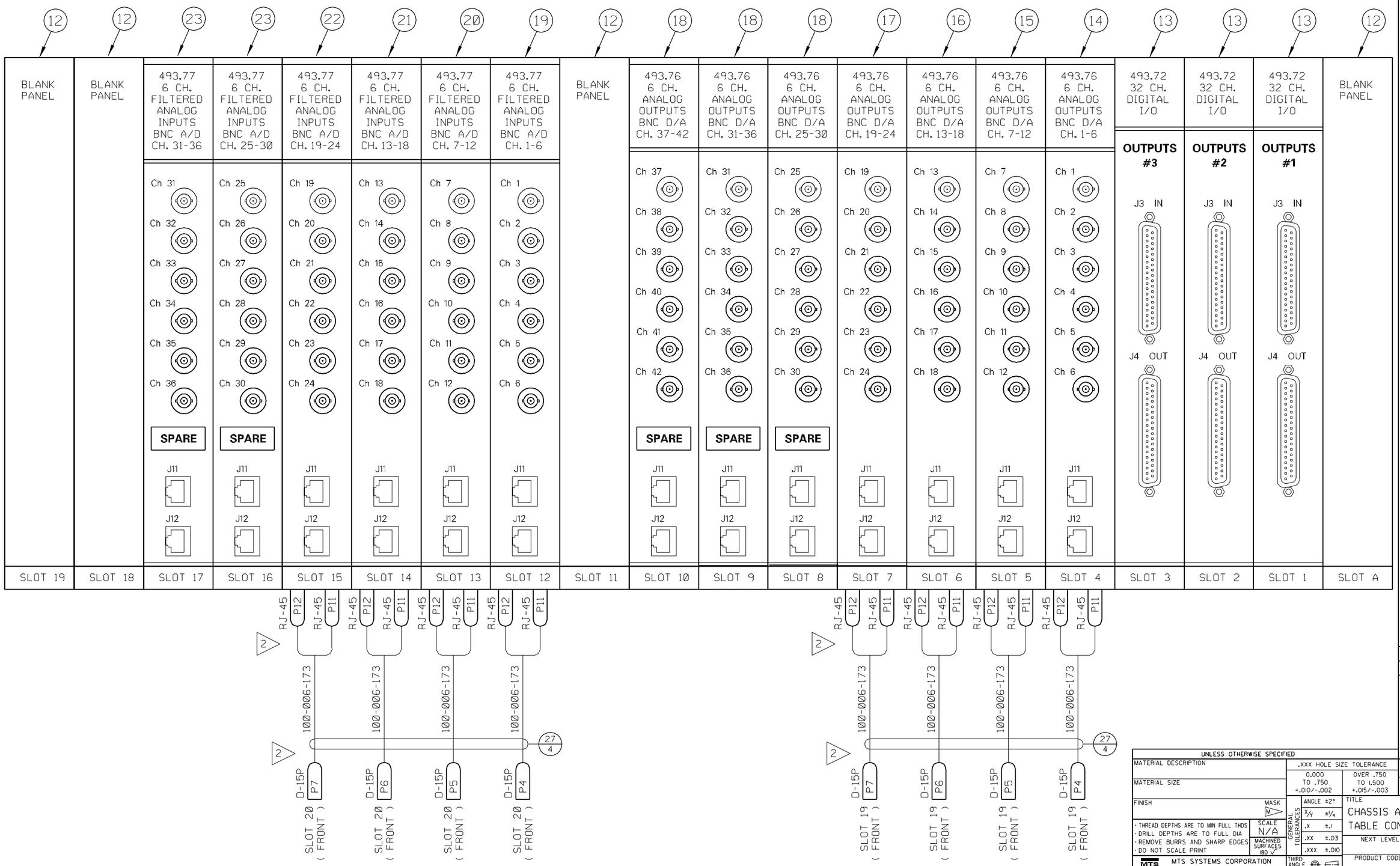
MTS SYSTEMS CORPORATION
EDEN PRAIRIE, MINNESOTA U.S.A. ©

DRAWN	CHECK	ENGR	MFG
DCJ		RLL	
DATE 6-10-09	DATE	DATE 6-09	DATE

TITLE
CHASSIS ASSEMBLY- 493.20, TABLE CONTROLLER 39367

NEXT LEVEL
PRODUCT CODE
SIZE D
NUMBER 100-215-997
REV A
SHEET 1 OF 2

493.20 REAR TRANSITION - DIGITAL TABLE CONTROLLER (469D)



REVISIONS				
DESCRIPTION	DRAWN	ENGR	DATE	LETTER / ECN NO.
SEE SHEET 1 FOR REVISION INFORMATION				

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UNLESS OTHERWISE SPECIFIED

MATERIAL DESCRIPTION

MATERIAL SIZE

FINISH — MASK M

- THREAD DEPTHS ARE TO MIN FULL THDS
- DRILL DEPTHS ARE TO FULL DIA
- REMOVE BURRS AND SHARP EDGES
- DO NOT SCALE PRINT

SCALE N/A

MACHINED SURFACES 180 √

.XXX HOLE SIZE TOLERANCE: 0.000 TO .750 +.010/-.002; OVER .750 TO 1.500 +.015/-.003

GENERAL TOLERANCES: ANGLE ±2°; X/Y ±1/4; .X ±.1; .XX ±.03; .XXX ±.010

THIRD ANGLE PROJ.

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DRAWN	CHECK	ENGR	MFG
DCJ		RLL	
DATE 6-10-09	DATE	DATE 6-09	DATE

TITLE: CHASSIS ASSEMBLY- 493.20, TABLE CONTROLLER 39367

NEXT LEVEL

PRODUCT CODE

SIZE	NUMBER	REV
D	100-215-997	A

SHEET 2 OF 2