



CIRCUIT BOARD FUSES:

ITM22892 - LABELASE CONTROLLER MODULE

F1 - I01 ----- 3A (ITM24158)

F2 - I02 ----- 3A (ITM24158)

F3 - I03 ----- 3A (ITM24158)

F4 - I04 ----- 3A (ITM24158)

F5 - +5V ----- 2A (ITM24157)

F6 - ESTOP +30V IN - 2A (ITM24157)

F7 - +30V IN ----- 2A (ITM24157)

F8 - V-(-18V) ----- 2A (ITM24157)

F9 - V+(+18V) ----- 2A (ITM24157)

F10 - GALVO ----- 2A (ITM24157)

* FOR ITM36519 MARKER.
ITM39636 80W LASER IS USED =>

*ITM36507
LASER.CO2.100W
SYNRAD FSTi100SWB

LASER DB-15 CONNECTIONS:
PIN 1 TO BNC CABLE CENTER
PIN 9 TO BNC CABLE SHIELD
PIN 3 TO PIN 4 TO PIN 10
PIN 11 TO PIN 12

FOR MODELS WITH 0.012" BEAM.
ADD JUMPER J7 FOR FULL STEP

ITM22892
LABELASE CONTROLLER MODULE

LABELASE CONTROLLER POWER

- NOTES:
- 1) THIS APPLICATION REQUIRES A PIC18F4620 MICROCONTROLLER (ITM23140) IN LOCATION U3 IN THE LABELASE CONTROLLER MODULE. THE MICROCONTROLLER MUST BE PRE-PROGRAMMED WITH BOOTLOADER CODE PRIOR TO INSTALLATION.
 - 2) BEFORE POWERING UP UNIT FOR THE FIRST TIME, DISCONNECT THE PLUG ON P7 OF THE CONTROLLER MODULE (FRONT-PANEL CONTROLS). THEN POWER-UP THE UNIT AND TEST THAT THE RESET BUTTON TURNS ON THE UNIT, AND CHECK THAT NO AC LINE VOLTAGE GETS TO ANY OF THE WIRES ON P7 WHEN ANY OF THE SWITCHES ARE PRESSED.
 - 3) THE FANS HAVE BEEN OMITTED SINCE THE LASER IS WATER-COOLED.

CONTRACT NO.		COMPANY NAME	
APPROVALS		InfoSight Corporation	
DATE		DWG ITM36510 LL28100-3 (100W) Printer	
DRAWN DT		ITM36519 LL2886-3 (80W) Wiring	
CHECKED		SIZE	FS
EON/MM		7-27-16	7-27-16
ISSUED		SCALE	SHEET 1 of 1