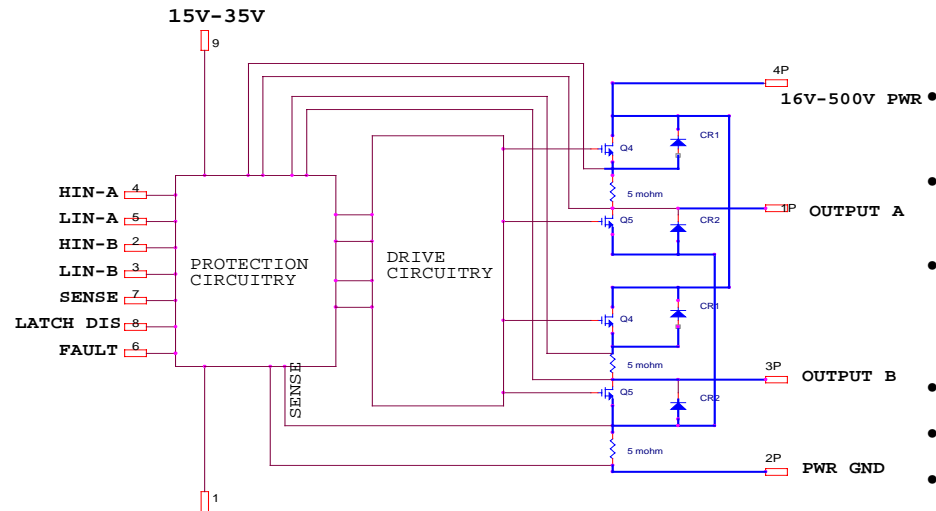




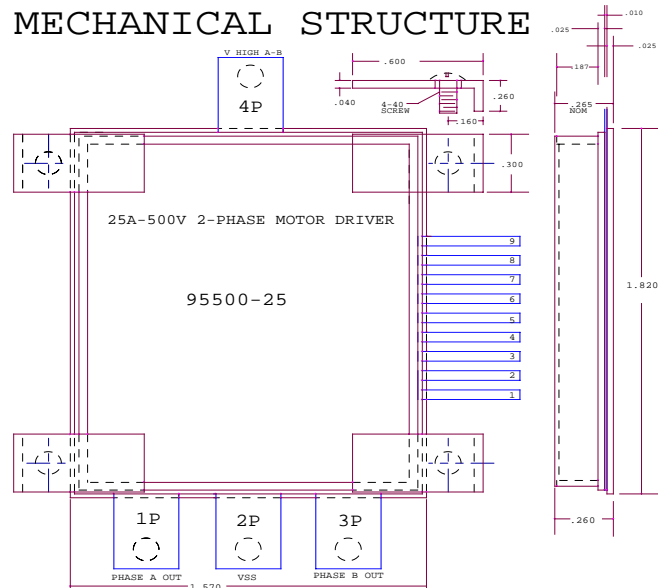
270 Volt 25 Amp SMART MOTOR DRIVER

95500-25

BLOCK DIAGRAM OF 95500-25



MECHANICAL STRUCTURE



Features

- CAPABILITY TO WITHSTAND DIRECT SHORTS TO GND, SUPPLY, & L-L.
- CAPABILITY TO HAVE ANY DIGITAL WORD AT INPUT W/O FAULT.
- SHUT OFF MODES THAT WORK ON AVERAGE CURRENT, PEAK CURRENT AND MAXIMUM JUNCTION TEMPERATURE.
- PULSE RATES FROM 0HZ TO 50KHZ.
- OPERATE FROM 0V TO 400V UP TO 25A.
- TEMPERATURE RANGE -55 °C TO 100 °C CASE
- THERMAL RESISTANCE OF < 0.5 °C/WATT
- REPORTS BACK A FAULT VIA A DIGITAL FLAG WHICH WILL LATCH ON UNTIL RESET.
- PACKAGE SIZE IS 1.9" X 2.2" MOUNTED WITH A BRACKET ON EACH CORNER AS SHOWN.
- PACKAGE IS ELECTRICALLY ISOLATED, BUT THE RING FRAME IS GROUNDED FOR BETTER EMI REDUCTION.
- POWER LEADS ARE MADE SUCH THAT THEY CAN BE SOLDERED THROUGH EYELETS, SCREWED DOWN OR CAN GO THROUGH A PC BOARD.
- LOGIC COMPATIBLE WITH 5V CMOS LOGIC LEVELS.



MAXIMUM RATINGS

- V-PWR 0-400V
- V-CCM 15-60V
- I-OUT 25A MAX
- T-JC 0.5 °C/W
- INPUT LOGIC LEVEL 5.5V MAX
- FREQUENCY RANGE 0-50KHZ
- MAX CASE OPER. TEMP. 100 °C