



NOTES

1) KEEPING STEP INPUT HIGH FOR MORE THAN 10mS WILL CAUSE THE DRIVE TO SWITCH FROM MOVE CURRENT TO HOLD CURRENT. IN IDLE STATE KEEP STEP INPUT HIGH, TO ISSUE A STEP BRING STEP INPUT LOW FOR 10mS BEFORE PRESENTING A RISING EDGE, WHEREUPON THE DRIVE WILL STEP.

2) WHEN ADJUSTING POTS, MOVE AND HOLD CURRENTS CAN BE READ BACK BY MEASURING THE VOLTAGE ON PIN 5 AND MULTIPLYING IT BY 0.38, WHILE KEEPING STEP INPUT HIGH/LOW, AS APPROPRATE TO SELECT THE RELEVENT POT.

STEPPING CURRENT IN AMPS = VOLTAGE ON PIN5 IN VOLTS X 0.38

3) DURING A MOVE THE HIGHER OF THE TWO POTS IS SELECTED, DURING HOLD, THE HOLD CURRENT POT IS SELECTED. THEREFORE SET THE HOLD CURRENT POT LESS THAN THE MOVE CURRENT POT, ELSE THIS POT WILL ALWAYS BE SELECTED. (CCW IS LOWER AND CW IS HIGHER).

4) STEP AND DIRECTION INPUTS HAVE INTERNAL PULLUPS TO 5V. THEREFORE IF DESIRED A SWITCH OR OPEN COLLECTOR TYPE PULL DOWN IS ALL THAT IS REQUIRED TO ISSUE STEPS. HOWEVER CARE MUST BE TAKEN SINCE CONTACT BOUNCE MAY ISSUE EXTRA STEPS.



DIMENSIONS: 1" X 1" X 0.5" THICK

MOUNTING HOLES ARE 2-56

DIP2	DIP1	MICROSTEPPING RESOLUTION
ON	ON	FULL
ON	OFF	HALF
OFF	ON	QUARTER
OFF	OFF	EIGHTH

