



# ELECTRICAL SPECIFICATIONS

Input Voltage .....	+12 to +40 VDC
Drive Current Per Phase	
IB462 .....	0.1 to 2.0 Amps
IB463 .....	0.1 to 3.5 Amps
Logic Input Current to Opto (Typical) .....	7.0 mA
Step Frequency (Max) .....	40 kHz

# PIN ASSIGNMENTS

PIN	FUNCTION	PIN	FUNCTION
1	Enable	7	Ground
2	Logic Ground (Opto Supply*)	8	+V
3	Half/Full Step	9	Phase B
4	Step Clock	10	Phase /B
5	Direction	11	Phase /A
6	Current Adjust	12	Phase A

\*Sinking Input (-S) version.

# TEMPERATURE

Storage .....	-40 to +125° C
Operating .....	0 to +50° C
Case (Max)** .....	+70° C

\*\*External heat sink may be required to maintain case temperature.

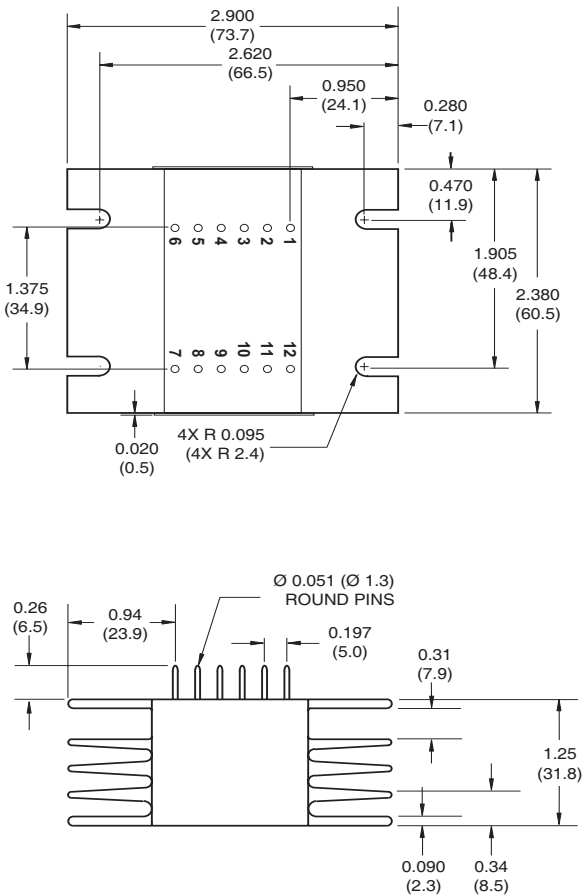
# ORDER INFORMATION

Name	Part Number
Bipolar Stepping Motor Driver .....	IB462 or IB463
Sinking Inputs .....	add -S to basic part #
Isolating Thermal Pad .....	TI-462 or TI-463
Non-Isolating Thermal Pad .....	TN-462 or TN-463
Interface Board .....	OPT140
Heat Sink .....	H-4X
Snap-on Terminal Strips .....	TS-6

# MECHANICAL SPECIFICATIONS

Dimensions in Inches (mm)

## IB462



## IB463

