

Environmental

Characteristic	Minimum	Typical	Maximum	Units	Notes & Conditions
Operating (Base Plate) Temperature	-40		+70	°C	Consult factory for extended operating temperature
Storage Temperature	-55		+105	°C	
Humidity			95	%RH	Non-condensing
Cooling					Natural convection

Safety Approvals

Safety Agency	Safety Standard	Notes & Conditions
UL	IEC/UL/CSA/EN 62368, 60950	
CE	CE Directive, RoHs and LVD	Where applicable
RoHS	RoHS 2 and 3 Directive (2011/65/EU)	Where applicable

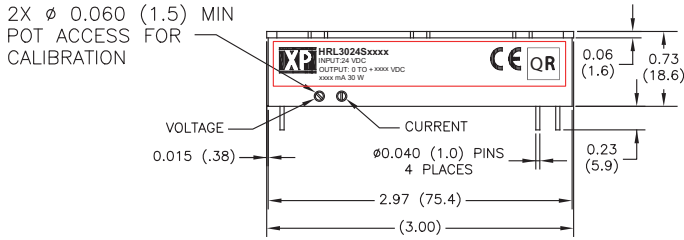
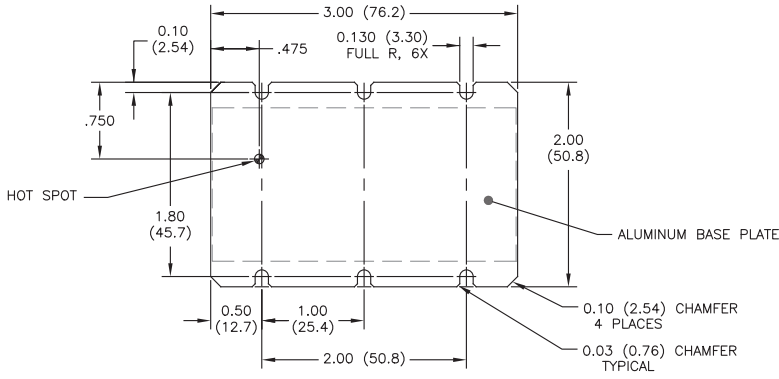
Signals

Characteristic	Pin	Function	Description
-VIN	1	Input Ground	Input Power Ground
DISABLE	2	Input: Remote Disable	Open or No Connect turns unit ON. Ground connection turns unit OFF
VREF	3	Output: Voltage Reference	+5V +/-2% - current <10mA
SGND	4	Signal Ground	Signal Ground
VPGM	5	Input: Voltage Programming	0V to +5V signal programs Vout from 0 to 100%, Z=100kohm.
VMON	6	Output: Voltage Monitor	0V to +5V output measures 0 to 100% Vout, 1.5% accuracy.
IPGM	7	Input: Current Programming	0V to +5V signal programs Iout from 0 to 100%, Z=100kohm.
IMON	8	Output: Current Monitor	0V to +5V output measures 0 to 100% Iout, 1.5% accuracy.
N/C	9	N/A	
N/C	10	N/A	
N/C	11	N/A	
+VIN	12	Input: 24Vin	Power Input
HVOUT	13	HV Output	High Voltage Output
HVRTN	14	HV Return	High Voltage Return

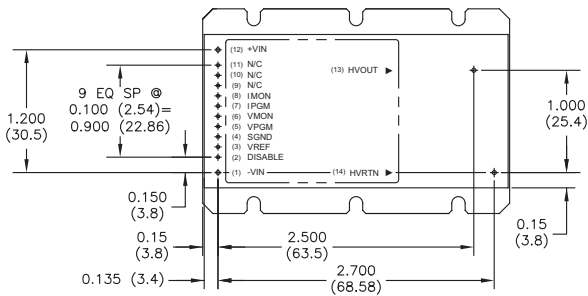
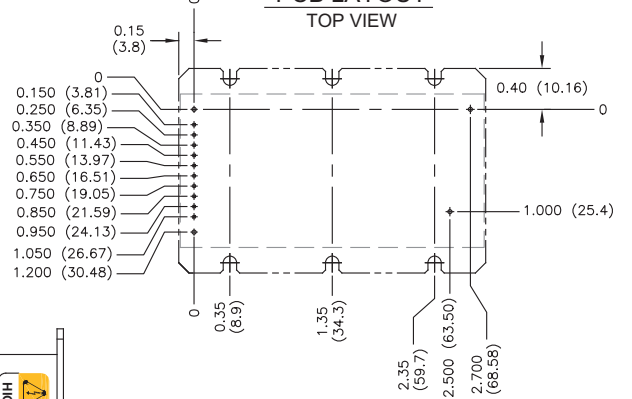
Mechanical Details

Standard

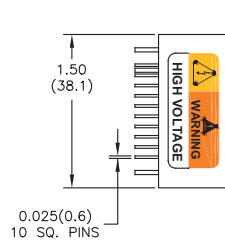
TOP VIEW



RECOMMENDED PCB LAYOUT TOP VIEW



BOTTOM VIEW



Notes

1. All dimensions are in inches (mm)
2. Weight: 0.26 lbs (120 g) approx

3. Tolerance: X.XX±0.02 (0.51)
4. Pin Tolerance: ±0.005 (0.127)