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

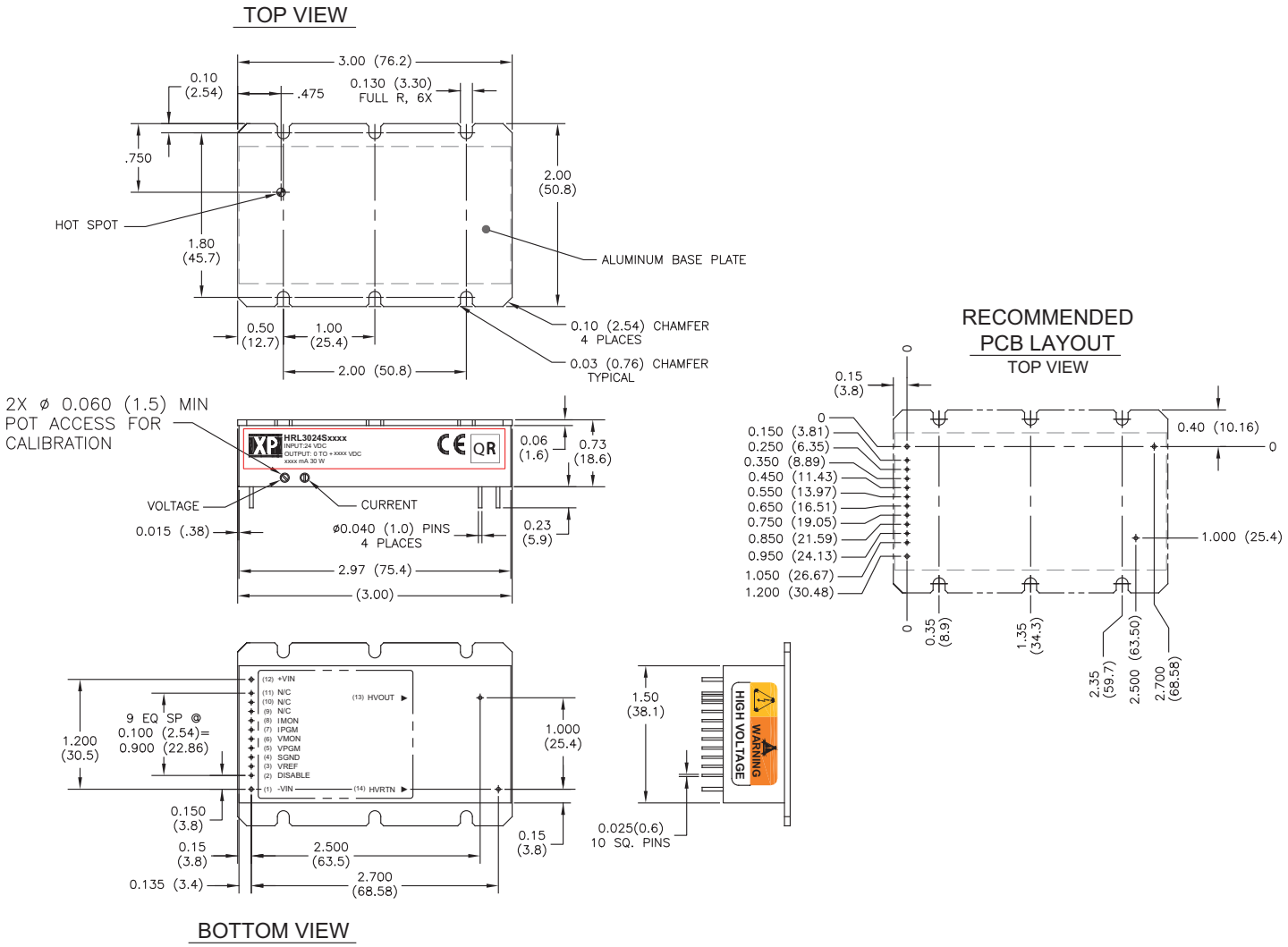
Safety Agency	Safety Standard	Notes & Conditions
UL	IEC/UL/CSA/EN 62368, 60950	
CE	CE Directive, RoHs and LVD	Where applicable
RoHS	RoHS 2 and 3 Directive (2011/65/EU)	Where applicable

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



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)