

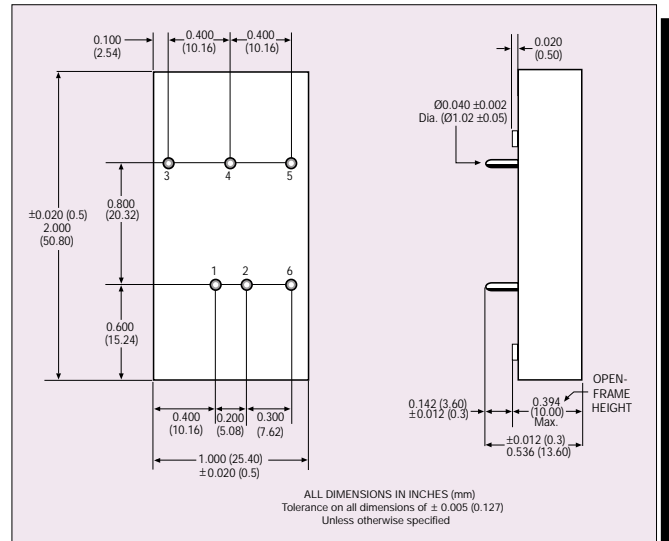
# 10 Watt DC/DC converters

INPUT VOLTAGE	OUTPUT VOLTAGE	OVERVOLTAGE PROTECTION (3,4)	OUTPUT CURRENT (MAX.) (9)	TYPICAL EFFICIENCY	MODEL NUMBER (7)
18-75VDC	3.3V	3.9V	2.4A	78%	CXA10-48S3V3
18-75VDC	5.0V	6.8V	2.0A	81%	CXA10-48S05
18-75VDC	12V	16V	0.83A	83%	CXA10-48S12
18-75VDC	±5V	±6.8V	1.0A	81%	CXA10-48D05
18-75VDC	±12V	±16V	0.41A	83%	CXA10-48D12
18-75VDC	±15V	±19V	0.33A	81%	CXA10-48D15

## Notes

- Negative output voltage deviation when positive load is changed.
- Guaranteed minimum output voltage range.
- TVS spec : See Application Note 100 on our website.
- On dual output models, OVP protection is on negative outputs only.
- With respect to minimum input voltage.
- With one external ITW Paktron 4.7µF film capacitor across the input.
- For units with optional remote ON/OFF, please add the suffix '-S' to the model number, e.g. CXA10-48S05-S. Additional alphanumeric suffixes maybe added to indicate minor modifications not affecting the safety approvals.
- Unit provides basic insulation up to the 75VDC maximum input voltage.
- Maximum continuous output power not to exceed 10 Watts. 7.9 Watts for the 3V3 model.
- User must provide 1.5A in line fuse in order to comply with safety approvals.
- Maximum temperature on components Q100, CR101, CR102 not to exceed 120°C. See Application Note 100 for details.

**CAUTION: Hazardous internal voltages and high temperatures.**  
Ensure that unit is not user accessible.



PIN CONNECTIONS		
PIN NUMBER	SINGLE OUTPUT	DUAL OUTPUT
1	+ Input	+ Input
2	- Input	- Input
6 *	Remote ON/OFF	Remote ON/OFF
3	+ Output	+ Output
4	No Pin	Common
5	- Output	- Output

\* Optional remote ON/OFF pin. Please add the suffix '-S' to the model number, e.g. CXA10-48S05-S (See Note 7).

