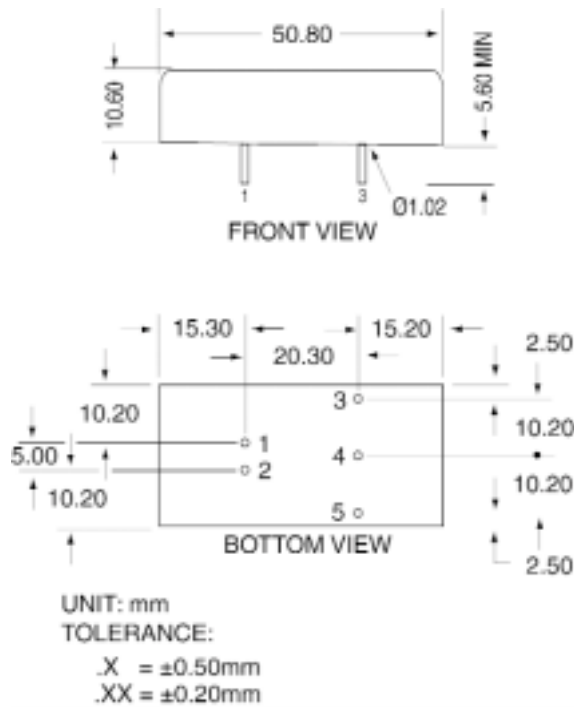


## 10 W DC-DC Converter



### ::Mechanical Requirements::



#### PIN CONNECTIONS

Pin #	Single Output	Dual Output
1	+Vin	+Vin
2	-Vin	-Vin
3	+Vout	+Vout
4	No pin	Common
5	-Vout	-Vout

### ::Electrical Specifications::

- Voltage accuracy: 1%
- Line regulation: 0.1%
- Load regulation: 0.5%
- Ripple & noise (20 MHz BW): 50 mV max
- Transient response: 250 us max for 25% load step change
- Protection: over current & short circuit protection
- Efficiency: 80% typical
- Isolation voltage: 500 Vdc min
- Isolation resistance: 100 MΩ
- Switching frequency: 100 KHz min

### ::Environmental Specifications::

- Operating temperature: -15 to +60°C
- Storage temperature: -50 to +105°C
- Temperature coefficient: 185 PPM/°C max
- Cooling: free air convection
- EMI/RFI: six-sided continuous shield (optional)

	MODEL	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT
SINGLE OUTPUT	GC1205L	12 Vdc	+5 Vdc	+2000 mA
	GC1212L	(9-18)	+12 Vdc	+840 mA
	GC1215L		+15 Vdc	+666 mA
	GC1224L		+24 Vdc	+410 mA
	GC2405L	24 Vdc	+5 Vdc	+2000 mA
	GC2412L	(18-36)	+12 Vdc	+840 mA
	GC2415L		+15 Vdc	+666 mA
	GC2424L		+24 Vdc	+410 mA
DUAL OUTPUT	GC4805L	48 Vdc	+5 Vdc	+2000 mA
	GC4812L	(36-72)	+12 Vdc	+840 mA
	GC4815L		+15 Vdc	+666 mA
	GC4824L		+24 Vdc	+410 mA
	GC1205DL	12 Vdc	±5 Vdc	±1000 mA
	GC1212DL	(9-18)	±12 Vdc	±420 mA
	GC1215DL		±15 Vdc	±333 mA
	GC1224DL		±24 Vdc	±210 mA
	GC2405DL	24 Vdc	±5 Vdc	±1000 mA
	GC2412DL	(18-36)	±12 Vdc	±420 mA
	GC2415DL		±15 Vdc	±333 mA
	GC2424DL		±24 Vdc	±210 mA