

SPECIFICATIONS

All Specifications are Typical at Nominal Line, Full Load and 25°C Unless Otherwise Noted.

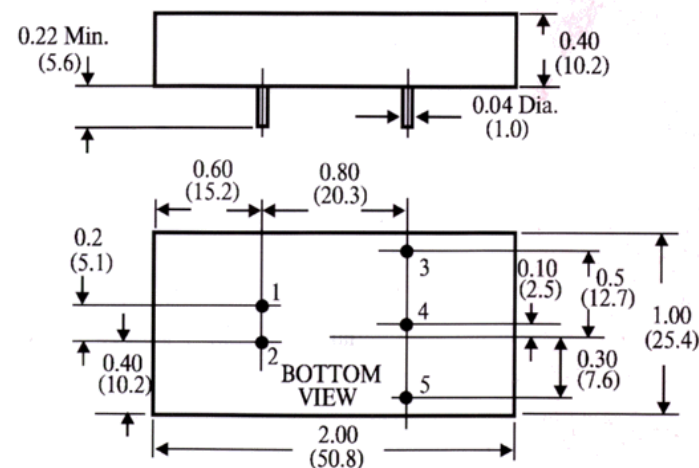
- Input Voltage Range: 12V (Range 9-18 V)
..... 24V (Range 18-36 V/ 9-36V)
..... 48V (Range 36-72 V/ 18-72V)
- Input Filter: Pi Type
- Voltage Accuracy
Single Output: ±1% max.
Dual + Output: ±1% max.
Dual - Output: ±1% max.
- Voltage Balance(Dual): ±1% max.
- Transient Response:
Single (25% Step Load Change): <500u sec.
Dual (FL, 1/2L±1% Error Band): <500u sec.
- Ripple & Noise (20MHz BW): 100 mVp-p max.
- Temperature Coefficient: ±0.02%/°C max.
- Short Circuit Protection: Continuous
- Line Regulation
Single/Dual Output: (HL-LL) ± 0.2% max.
- Load Regulation
Single/Dual Output: (FL-25% FL) ± 1.0% max.
- Efficiency: See Model List
- Isolation Voltage: 500 VDC min.
- Isolation Resistance: 10⁹ Ω min.
- Switching Frequency: 200KHz, min.
- Operating Temperature Range: -25°C To + 71°C
- Storage Temperature Range: -40°C To + 100°C
- Case Temperature: 100°C max.
- EMI/RFI: Six Sided Continuous Shield
- Dimensions: 2 × 1 × 0.4 inches
..... (50.8 × 25.4 × 10.2mm)
- Case Material: Black Coated Copper With
Non-Conductive Base

Pin Connections		
Pin#	Single	Dual
1.	Vi+	Vi+
2.	Vi-	Vi-
3.	Vo+	Vo+
4.	N.p.	Com.
5.	Vo-	Vo-

MODEL LIST

Model Number	Input Voltage	Output Voltage	Output Current		Input Current		EFF.	Case
			Min.	Max.	No Load	Full load		
Single Output Models								
E10-01	4.7-9VDC	5 VDC	0 mA	1600mA	15mA	2130mA	75%	E
E10-02	4.7-9VDC	12 VDC	0 mA	666mA	15mA	2100mA	76%	E
E10-03	4.7-9VDC	15 VDC	0 mA	533mA	15mA	2100mA	76%	E
E10-11	9-18VDC	5 VDC	100 mA	2000mA	30mA	1100mA	76%	E
E10-12	9-18VDC	12 VDC	45 mA	830mA	30mA	1065mA	78%	E
E10-13	9-18VDC	15 VDC	35 mA	666mA	30mA	1065mA	78%	E
E10-21	18-36VDC	5 VDC	100 mA	2000mA	20mA	535mA	78%	E
E10-22	18-36VDC	12 VDC	45 mA	830mA	20mA	520mA	80%	E
E10-23	18-36VDC	15 VDC	35 mA	666mA	20mA	520mA	80%	E
E10-31	36-72VDC	5 VDC	100 mA	2000mA	10mA	260mA	80%	E
E10-32	36-72VDC	12 VDC	45 mA	830mA	10mA	254mA	82%	E
E10-33	36-72VDC	15 VDC	35 mA	666mA	10mA	254mA	82%	E
E10-41	9-36VDC	5 VDC	100 mA	2000mA	15mA	542mA	77%	E
E10-42	9-36VDC	12 VDC	45 mA	830mA	15mA	520mA	80%	E
E10-43	9-36VDC	15 VDC	35 mA	666mA	15mA	520mA	80%	E
E10-51	18-72VDC	5 VDC	100 mA	2000mA	10mA	267mA	78%	E
E10-52	18-72VDC	12 VDC	45 mA	830mA	10mA	260mA	80%	E
E10-53	18-72VDC	15 VDC	35 mA	666mA	10mA	260mA	80%	E
Dual Output Models								
E10-04	4.7-9VDC	± 5 VDC	0 mA	±800 mA	15mA	2100mA	76%	E
E10-05	4.7-9VDC	±12 VDC	0 mA	±333 mA	15mA	2100mA	76%	E
E10-06	4.7-9VDC	±15 VDC	0 mA	±266 mA	15mA	2100mA	76%	E
E10-14	9-18VDC	± 5 VDC	±50 mA	±1000 mA	40mA	1065mA	78%	E
E10-15	9-18VDC	±12 VDC	±25 mA	±415 mA	40mA	1065mA	78%	E
E10-16	9-18VDC	±15 VDC	±20 mA	±333 mA	40mA	1065mA	78%	E
E10-24	18-36VDC	± 5 VDC	±50 mA	±1000 mA	20mA	520mA	80%	E
E10-25	18-36VDC	±12 VDC	±25 mA	±415 mA	20mA	520mA	80%	E
E10-26	18-36VDC	±15 VDC	±20 mA	±333 mA	20mA	520mA	80%	E
E10-34	36-72VDC	± 5 VDC	±50 mA	±1000 mA	10mA	254mA	82%	E
E10-35	36-72VDC	±12 VDC	±25 mA	±415 mA	10mA	254mA	82%	E
E10-36	36-72VDC	±15 VDC	±20 mA	±333 mA	10mA	254mA	82%	E
E10-45	9-36VDC	±12 VDC	±25 mA	±415 mA	20mA	520mA	80%	E
E10-46	9-36VDC	±15 VDC	±20 mA	±333 mA	20mA	520mA	80%	E
E10-55	18-72VDC	±12 VDC	±25 mA	±415 mA	15mA	253mA	82%	E
E10-56	18-72VDC	±15 VDC	±20 mA	±333 mA	15mA	253mA	82%	E

CASE E All Dimensions In Inches (mm)



E10 Series

DC/DC CONVERTERS

FEATURES

- 10W Isolated Output
- Continuous Short Circuit Protection
- High Efficiency Up To 82%
- 2:1 & 4:1 Input Range
- Conductive EMI Meet EN55022 Class A
- Pi Input Filter
- 2 Years Warranty



Your Smart Choice In Power

- High Quality
- Best Service
- Low Cost