

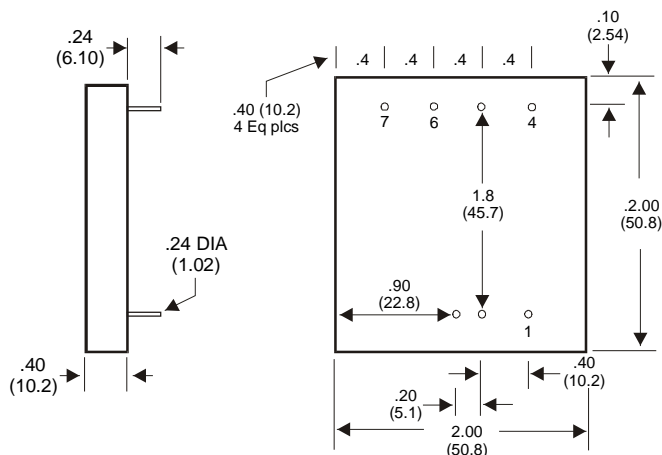
15 WATT TRIPLE OUTPUT DC-DC CONVERTERS

- Full 2:1 range
- Low profile 0.4" high
- Short circuit & overvoltage protection
- Fully regulated
- Low output ripple & noise
- High reliability
- Input/Output isolation

- Input filter: Pi network**
- Undervoltage shutoff: 8 Vdc**
- Output voltage accuracy: $\pm 3\%$**
- Line regulation: $\pm 1\%$ max.**
- Load regulation: $\pm 2\%$ max.**
- Temperature coefficient $\pm 0.05\%/^{\circ}\text{C}$**
- Ripple & noise (20MHz BW): 1% pp max.**
- Minimum load: 10% of full load**
- Short circuit protection: foldback**

Efficiency: up to 81%
Isolation voltage: 500 Vdc
Isolation resistance: 1000 MΩ
Operating temperature: -25 to +71°C
Storage temperature: -55 to +125°C
EMI/RFI: Six-sided continuous metal shielding
Size: 2" x 2" x .4"

MODEL NUMBER	INPUT VOLTAGE (Vdc)	OUTPUT VOLTAGE (Vdc)	OUTPUT CURRENT (mA)
DC-1618	9 – 18V	5 / ±12	1500 / ±310
DC-1619	9 – 18V	5 / ±15	1500 / ±250
DC-1617	9 – 18V	5 / + 12 / -5	1500 / 310 / 500
DC-1628	18 – 36V	5 / ±12	1500 / ±310
DC-1629	18 – 36V	5 / ±15	1500 / ±250
DC-1627	18 – 36V	5 / + 12 / -5	1500 / 310 / 500
DC-1638	36 – 72V	5 / ±12	1500 / ±310
DC-1639	36 – 72V	5 / ±15	1500 / ±250
DC-1637	36 – 72V	5 / + 12 / -5	1500 / 310 / 500
DC-1658	9 – 36V	5 / ±12	1500 / ±310
DC-1659	9 – 36V	5 / ±15	1500 / ±250
DC-1657	9 – 36V	5 / + 12 / -5	1500 / 310 / 500
DC-1668	20 – 72V	5 / ±12	1500 / ±310
DC-1669	20 – 72V	5 / ±15	1500 / ±250
DC-1667	20 – 72V	5 / + 12 / -5	1500 / 310 / 500



PIN	Function
1	Remote ON/OFF
2	-Vin (input)
3	+Vin (input)
4	- Output (V3)
5	Common
6	+5V output (V1)
5	+ Output (V2)

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