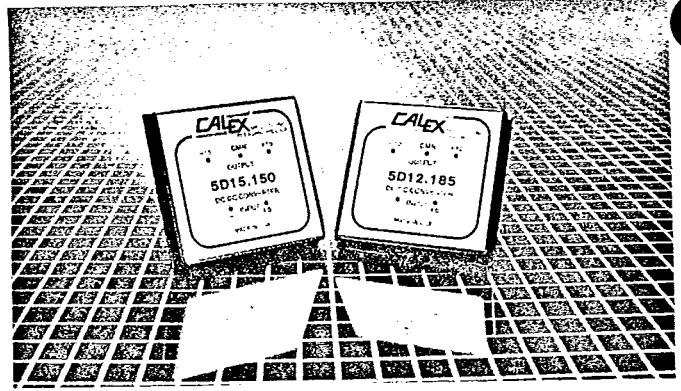


DC/DC Converters

3355 Vincent Road, Pleasant Hill, CA 94523-4389 Telephone (415) 932-3911 Telex: 338 506



The CALEX lines of 1.8, 3, 6, and 12 Watt DC/DC Converters are designed for applications where analog voltages are needed in digital systems, when negative voltages are required, for field portable and battery operated equipment, and where isolated positive or negative voltage sources are necessary in instrumentation systems. These units cover input voltages from 5 to 48 volts, are low noise, and have efficiencies up to 80%. CALEX can also design custom OEM DC/DC units to fit your special needs. Contact the factory for details.



FEATURES OF CALEX DC/DC CONVERTERS

- 5 Year Warranty
- 6 sided shielded cases
- 100% burn-in & testing
- Input/output isolation
- Stock Delivery
- Very low input/output noise
- Low profile cases
- PI type input filters
- Dual tracking outputs
- Short circuit protection

5 VOLTS INPUT	OUTPUT VOLTAGE DC	OUTPUT CURRENT mA	CASE SIZE	MODEL NUMBER
	5	600	D	5S5.600
	5	1000	D	5S5.1000
	12	250	D	5S12.250
	12	500	D	5S12.500
	15	200	D	5S15.200
	15	400	D	5S15.400
	±12	±85	E	5D12.085
	±12	±125	D	5D12.125
	±12	±185	D	5D12.185
	±15	±60	E	5D15.060
	±15	±100	D	5D15.100
	±15	±150	D	5D15.150

12 VOLTS INPUT	OUTPUT VOLTAGE DC	OUTPUT CURRENT mA	CASE SIZE	MODEL NUMBER
	5	600	D	12S5.600
	5	1000	D	12S5.1000
	5	2000	B	12S5.2000
	12	250	D	12S12.250
	12	500	D	12S12.500
	12	1000	B	12S12.1000
	15	200	D	12S15.200
	15	400	D	12S15.400
	15	800	B	12S15.800
	±12	±125	D	12D12.125
	±12	±250	D	12D12.250
	±12	±500	B	12D12.500
	±15	±100	D	12D15.100
	±15	±200	D	12D15.200
±15	±400	B	12D15.400	

24 VOLTS INPUT	OUTPUT VOLTAGE DC	OUTPUT CURRENT mA	CASE SIZE	MODEL NUMBER
	5	600	D	24S5.600
	5	1000	D	24S5.1000
	5	2000	B	24S5.2000
	12	250	D	24S12.250
	12	500	D	24S12.500
	12	1000	B	24S12.1000
	15	200	D	24S15.200
	15	400	D	24S15.400
	15	800	B	24S15.800
	±12	±125	D	24D12.125
	±12	±250	D	24D12.250
	±12	±500	B	24D12.500
	±15	±100	D	24D15.100
	±15	±200	D	24D15.200
±15	±400	B	24D15.400	

28 VOLTS INPUT	OUTPUT VOLTAGE DC	OUTPUT CURRENT mA	CASE SIZE	MODEL NUMBER
	5	600	D	28S5.600
	5	1000	D	28S5.1000
	5	2000	B	28S5.2000
	12	250	D	28S12.250
	12	500	D	28S12.500
	12	1000	B	28S12.1000
	15	200	D	28S15.200
	15	400	D	28S15.400
	15	800	B	28S15.800
	±12	±125	D	28D12.125
	±12	±250	D	28D12.250
	±12	±500	B	28D12.500
	±15	±100	D	28D15.100
	±15	±200	D	28D15.200
±15	±400	B	28D15.400	

48 VOLTS INPUT	OUTPUT VOLTAGE DC	OUTPUT CURRENT mA	CASE SIZE	MODEL NUMBER
	5	600	D	48S5.600
	5	1000	D	48S5.1000
	5	2000	B	48S5.2000
	12	250	D	48S12.250
	12	500	D	48S12.500
	12	1000	B	48S12.1000
	15	200	D	48S15.200
	15	400	D	48S15.400
	15	800	B	48S15.800
	±12	±125	D	48D12.125
	±12	±250	D	48D12.250
	±12	±500	B	48D12.500
	±15	±100	D	48D15.100
	±15	±200	D	48D15.200
±15	±400	B	48D15.400	

CASE SIZES

- D-2" x 2" x 0.375"
(50.8mm x 50.8mm x 9.525mm)
- E-1" x 2" x 0.375"
(25.4mm x 50.8mm x 9.525mm)
- B-2.5" x 3.5" x 0.875"
(63.5mm x 88.9mm x 22.225mm)

DC/DC Converters

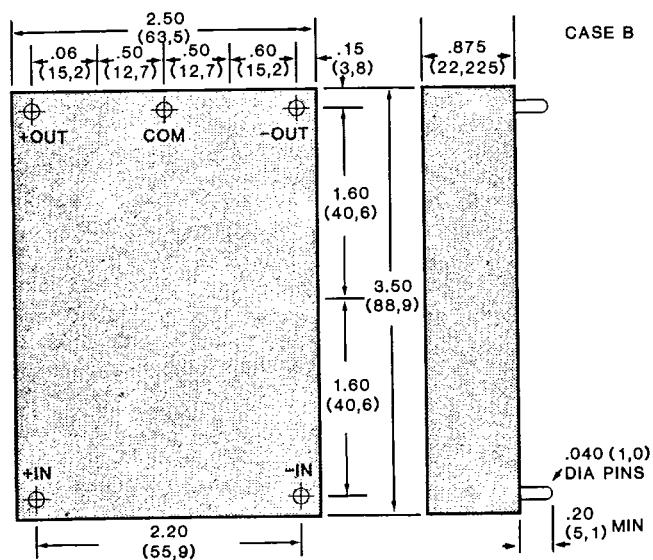
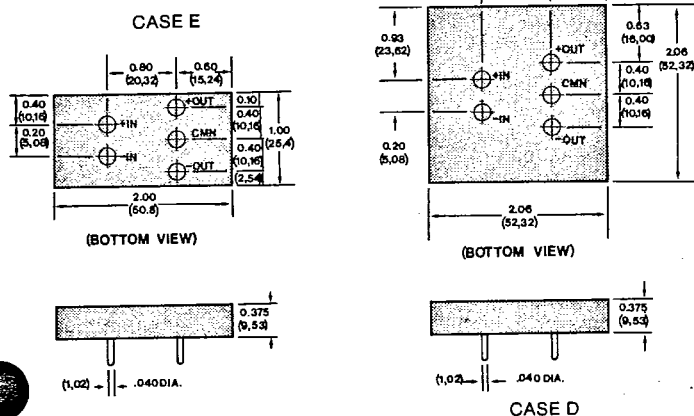


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COMMON SPECIFICATIONS

- Output noise:** 10 mV p-p
- Operating temp.:** -25°C to +80°C
- Load regulation:** 0.02%
- Storage temp.:** -55°C to +85°C
- Line regulation:** 0.02%
- Weight:** 1.75 oz (50 grams)
- Stability:** 75ppm/°C
- Isolation:** 500 VDC
- 5 V output clamp:** 6.8 Volts



The Model MS 15 and MS 6 Mounting Kits allow the CALEX 1" x 2" and 2" x 2" DC/DC Converters to be conveniently used in non-AC powered systems. They are ideal for chassis or rack mounting in field portable battery operated systems where other CALEX mounting kits are used.

