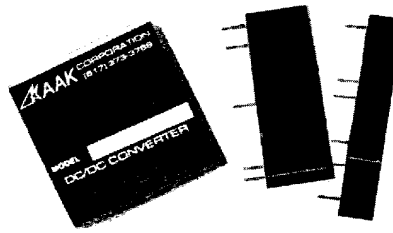


DC/DC CONVERTERS

R, SERIES, REGULATED

The R Series high regulation, low noise DC/DC converters feature 65-75% efficiency, Pi-input filter to reduce input reflected ripple. A 5-sided electrostatic shielded case option is available for noise-sensitivity circuitry. Tantalum capacitors and large internal heat sinks insure operation in high temperature ranges.



CONNECTIONS

Pin	Single Output
1	+V in
2	-V in
3	+V out
4	N.C.
5	-V out

Pin	Dual Output
1	+V in
2	-V in
3	+V out
4	Common
5	-V out

NOTES:

- Five Pins, 0.040 (1.0) Dia x 0.20 (5.1) Lg. Min.
- Two Mounting Inserts No. 4-40 x 0.10 (2.5) Dp Min.
- All Dimensions are in inches and (mm).

SPECIFICATIONS

PARAMETER	LIMIT
Input Voltage Tolerance	±10%
Output Ripple & Noise (PARD)	1mV rms
Line Regulation	.05%
Load Regulation	.1%
Input Reflected Ripple	1% Ein (max)
Output Voltage Tolerance	±1% (fixed)
In/Output Isolation	400 VDC
Temp. Coefficient	0.02%/°C
Short Circuit Prot.	All Units
Input Operating Voltage Range	4.5-5.5 10.8-13.2
Operating Temp. Range	-25°C - 71°C
Storage Temp. Range	-55°C - 85°C
Efficiency	65-75%

INPUT VOLT 10%	OUTPUT		CASE	MODEL	PRICING		
	VOLT (Vdc)	CURR. (mA)			1-9	10-Up	
SINGLE OUTPUT (R) REGULATED							
5Vdc input reduce all output currents by 20%							
5V to 28	5	250	8B	R*S5.25	\$ 79.00	\$ 71.00	
		500	8C	R*S5.5	89.00	80.00	
		1000	9A	R*S51	109.00	98.00	
	12	300	8B	R*S12.3	79.00	71.00	
		500	8C	R*S12.5	94.00	85.00	
		800	9A	R*S12.8	109.00	98.00	
		1000	9B	R*S121	119.00	107.00	
	15	250	8B	R*S15.25	79.00	71.00	
		450	8C	R*S15.45	94.00	85.00	
		750	9A	R*S15.75	109.00	98.00	
		900	9B	R*S15.9	119.00	107.00	
	24	200	8B	R*S24.2	79.00	71.00	
		400	9C	R*S24.4	94.00	85.00	
		600	9A	R*S24.6	109.00	98.00	
	28	100	8B	R*S28.1	79.00	71.00	
		200	8C	R*S28.2	94.00	85.00	
		400	9A	R*S28.4	109.00	98.00	
		600	9B	R*S28.6	112.00	101.00	
DUAL OUTPUT							
6 to 28	± 5	250	8C	R*D5.25	79.00	71.00	
		500	8C	R*D5.5	89.00	80.00	
		750	9A	R*D5.75	99.00	89.00	
	± 12	150	8B	R*D12.15	89.00	80.00	
		250	8C	R*D12.25	109.00	98.00	
		500	9A	R*D12.5	125.00	113.00	
	± 15	120	8B	R*D15.12	89.00	80.00	
		220	8C	R*D15.22	109.00	89.00	
		450	9A	R*D15.45	125.00	113.00	
	TRIPLE OUTPUT						
	6 to 28	VOLT/CURR		9B	R*T12.1-.3	139.00	125.00
		5/300	± 12/100				
5/500		± 12/200					
5/900	VOLT/CURR		9C	R*T12.2-.5	149.00	134.00	
	5/900	± 12/300					
5/900	VOLT/CURR		9D	R*T12.3-.9	165.00	149.00	
	5/900	± 12/300					

*Insert Input Voltage from 5 Vdc to 28 Vdc
For Chassis Mount version of R Series add C before R and add \$3.50 to unit price.