

SURFACE MOUNT and PLUG-IN

AT Low Profile .5"x.5"x.2" ht.
... up to 0.75 Watts

No Heat Sink
or Electrical
Derating Required

New DIP
Package

No External
Components
Required

SERIES AT/DT/SAT/SDT

OPTIONS AVAILABLE
Selected MIL-STD 883
• Expanded operating temp
(-55°C to +85°C)
• Stabilization Bake
(125°C ambient)
• Temperature Cycle
(-55°C to +125°C)
• Hi Temp. full power burn
in (100% power,
125°C case temp)

SERIES SAT - AT DUAL OUTPUT

PICO PLUG-IN PART NUMBER	PICO SURFACE MOUNT PART NUMBER	INPUT VOLTAGE (V DC)	OUTPUT VOLTAGE (V DC)	MAX. LOAD CURRENT PER OUTPUT (mA)	MAX. OUTPUT POWER PER OUTPUT (WATTS)	EFF. @ FULL LOAD TYPICAL (%)	INPUT CURRENT FULL LOAD TYPICAL (mA)	OUTPUT VOLTAGE RIPPLE & FULL LOAD* (Vp-p max)	NO LOAD CURRENT TYPICAL (mA)	FULL LOAD OUTPUT VOLTAGE TOLERANCE (V DC)	PRICE 1-24
3AT5D	3SAT5D	3	5	65	0.325	66	328	0.20	35	±0.25	89.00
3AT9D	3SAT9D	3	9	41	0.375	70	357	0.20	35	±0.30	89.00
3AT12D	3SAT12D	3	12	31	0.375	72	347	0.20	35	±0.40	89.00
3AT15D	3SAT15D	3	15	25	0.375	73	342	0.20	35	±0.40	89.00
5AT5D	5SAT5D	5	5	75	0.375	69	217	0.20	35	±0.25	89.00
5AT9D	5SAT9D	5	9	41	0.375	72	208	0.20	25	±0.30	89.00
5AT12D	5SAT12D	5	12	31	0.375	75	200	0.20	25	±0.40	89.00
5AT15D	5SAT15D	5	15	25	0.375	76	197	0.20	25	±0.40	89.00
9AT5D	9SAT5D	9	5	75	0.375	70	119	0.20	15	±0.25	89.00
9AT9D	9SAT9D	9	9	41	0.375	72	116	0.20	15	±0.30	89.00
9AT12D	9SAT12D	9	12	31	0.375	78	107	0.20	15	±0.40	89.00
9AT15D	9SAT15D	9	15	25	0.375	80	104	0.20	15	±0.40	89.00
12AT5D	12SAT5D	12	5	75	0.375	71	88	0.20	8	±0.25	89.00
12AT9D	12SAT9D	12	9	41	0.375	78	86	0.20	8	±0.30	89.00
12AT12D	12SAT12D	12	12	31	0.375	78	80	0.20	8	±0.40	89.00
12AT15D	12SAT15D	12	15	25	0.375	80	78	0.20	8	±0.40	89.00

SERIES SDT - DT DUAL OUTPUT

PICO PLUG-IN PART NUMBER	PICO SURFACE MOUNT PART NUMBER	INPUT VOLTAGE (V DC)	OUTPUT VOLTAGE (V DC)	MAX. LOAD CURRENT PER OUTPUT (mA)	MAX. OUTPUT POWER PER OUTPUT (WATTS)	EFF. @ FULL LOAD TYPICAL (%)	INPUT CURRENT FULL LOAD TYPICAL (mA)	OUTPUT VOLTAGE RIPPLE & FULL LOAD* (Vp-p max)	NO LOAD CURRENT TYPICAL (mA)	FULL LOAD OUTPUT VOLTAGE TOLERANCE (V DC)	PRICE 1-24
3DT5D	3SDT5D	3	5	66	0.325	66	328	0.20	35	±0.25	105.00
3DT9D	3SDT9D	3	9	41	0.375	70	357	0.20	35	±0.30	105.00
3DT12D	3SDT12D	3	12	31	0.375	72	347	0.20	35	±0.40	105.00
3DT15D	3SDT15D	3	15	25	0.375	73	342	0.20	35	±0.40	105.00
5DT5D	5SDT5D	5	5	75	0.375	69	217	0.20	25	±0.25	105.00
5DT9D	5SDT9D	5	9	41	0.375	72	208	0.20	25	±0.30	105.00
5DT12D	5SDT12D	5	12	31	0.375	75	200	0.20	25	±0.40	105.00
5DT15D	5SDT15D	5	15	25	0.375	76	197	0.20	25	±0.40	105.00
9DT5D	9SDT5D	9	5	75	0.375	70	119	0.20	15	±0.25	105.00
9DT9D	9SDT9D	9	9	41	0.375	72	116	0.20	15	±0.30	105.00
9DT12D	9SDT12D	9	12	31	0.375	78	107	0.20	15	±0.40	105.00
9DT15D	9SDT15D	9	15	25	0.375	80	104	0.20	15	±0.40	105.00
12DT5D	12SDT5D	12	5	75	0.375	71	88	0.20	8	±0.25	105.00
12DT9D	12SDT9D	12	9	41	0.375	78	86	0.20	8	±0.30	105.00
12DT12D	12SDT12D	12	12	31	0.375	78	80	0.20	8	±0.40	105.00
12DT15D	12SDT15D	12	15	25	0.375	80	78	0.20	8	±0.40	105.00

TYPICAL CHARACTERISTICS:

Test conditions: 25°C ambient and input voltage at nominal value unless otherwise specified.

LINE REGULATION: OUTPUT VOLTAGE IS DIRECTLY PROPORTIONAL TO THE INPUT VOLTAGE.

Input voltage range: 3V models 2.5 to 3.5V DC
5V models 4 to 6V DC
9V models 7 to 11V DC
12V models 9 to 14V DC

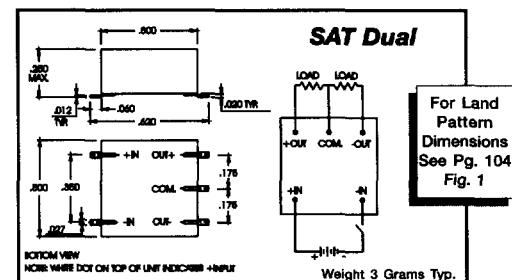
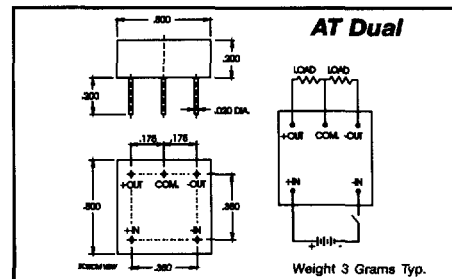
Converter frequency: 40 to 60 KHz

Output temperature coefficient:
0.05% per °C all models

Operating temperature: -25°C to +70°C ambient.
No heat sink or derating required.

Storage temperature: -55°C to +125°C

Isolation: 100 megohms min. @ 500V DC



SINGLE & DUAL 9V-15V

