aimtec
Your Power Partner

Series AM6T-Z

6 Watt | DC-DC Converter

FEATURES:

- RoHS compliant
- 24 Pin DIP Package
- Wide 2:1 input range
- High efficiency up to 83%
- Operating temperature -40ºC to + 85ºC
- Input / Output Isolation 1500 and 3500VDC
- Pin compatible with multiple manufacturers
- Continuous short circuit protection

CE

Models
Single output

Model	Input Voltage (V)	Output Voltage (V)	Output Current max (mA)	Efficiency (%)	Capacitive load, max (εF)	Isolation (VDC)
AM6T-0503SZ	4.5-9	3.3	1400	73	1000	1500
AM6T-0505SZ	4.5-9	5	1200	76	1000	1500
AM6T-0512SZ	4.5-9	12	500	82	330	1500
AM6T-0515SZ	4.5-9	15	400	82	220	1500
AM6T-1203SZ	9-18	3.3	1400	73	1000	1500
AM6T-1205SZ	9-18	5	1200	77	1000	1500
AM6T-1207SZ	9-18	7.2	833	78	680	1500
AM6T-1209SZ	9-18	9	666	78	680	1500
AM6T-1212SZ	9-18	12	500	81	330	1500
AM6T-1215SZ	9-18	15	400	80	220	1500
AM6T-1218SZ	9-18	18	333	80	68	1500
AM6T-1224SZ	9-18	24	250	80	68	1500
AM6T-2403SZ	18-36	3.3	1400	75	3300	1500
AM6T-2405SZ	18-36	5	1200	80	1000	1500
AM6T-2407SZ	18-36	7.2	833	82	680	1500
AM6T-2409SZ	18-36	9	666	82	680	1500
AM6T-2412SZ	18-36	12	500	80	330	1500
AM6T-2415SZ	18-36	15	400	82	220	1500
AM6T-2418SZ	18-36	18	333	82	220	1500
AM6T-2424SZ	18-36	24	250	82	220	1500
AM6T-4803SZ	36-72	3.3	1400	75	3300	1500
AM6T-4805SZ	36-72	5	1200	80	2200	1500
AM6T-4807SZ	36-72	7.2	833	82	470	1500
AM6T-4809SZ	36-72	9	666	82	470	1500
AM6T-4812SZ	36-72	12	500	80	330	1500
AM6T-4815SZ	36-72	15	400	83	220	1500
AM6T-4818SZ	36-72	18	333	83	100	1500
AM6T-4824SZ	36-72	24	250	83	100	1500
AM6T-0503SH35Z	4.5-9	3.3	1400	73	1000	3500
AM6T-0505SH35Z	4.5-9	5	1200	76	1000	3500
AM6T-0512SH35Z	4.5-9	12	500	82	330	3500
AM6T-0515SH35Z	4.5-9	15	400	82	220	3500
AM6T-1203SH35Z	9-18	3.3	1400	73	1000	3500
AM6T-1205SH35Z	9-18	5	1200	77	1000	3500
AM6T-1207SH35Z	9-18	7.2	833	78	680	3500
AM6T-1209SH35Z	9-18	9	666	78	680	3500
AM6T-1212SH35Z	9-18	12	500	81	330	3500
AM6T-1215SH35Z	9-18	15	400	80	220	3500
AM6T-1218SH35Z	9-18	18	333	80	68	3500
AM6T-1224SH35Z	9-18	24	250	80	68	3500
AM6T-2403SH35Z	18-36	3.3	1400	75	3300	3500
AM6T-2405SH35Z	18-36	5	1200	80	1000	3500
AM6T-2407SH35Z	18-36	7.2	833	82	680	3500
AM6T-2409SH35Z	18-36	9	666	82	680	3500
AM6T-2412SH35Z	18-36	12	500	80	330	3500
AM6T-2415SH35Z	18-36	15	400	82	220	3500