Best Sellers

Order code	Manufacturer code	Description
11-0620	n/a	4.7UF 10V TANTALUM BEAD 5MM (RC)
11-0622	n/a	6.8UF 10V TANTALUM BEAD 5MM RC
11-0624	n/a	10UF 10V TANTALUM BEAD 5MM (RC)
11-0626	n/a	15UF 10V TANTALUM BEAD 5MM (RC)
11-0628	n/a	22UF 10V TANTALUM BEAD 5MM RC
11-0630	n/a	33UF 10V TANTALUM BEAD 5MM (RC)
11-0632	n/a	47UF 10V TANTALUM BEAD 5MM RC
11-0634	n/a	2.2UF 16V TANTALUM BEAD 5MM RC
11-0636	n/a	3.3UF 16V TANTALUM BEAD 5MM RC
11-0638	n/a	4.7UF 16V TANTALUM BEAD 5MM RC
11-0640	n/a	6.8UF 16V TANTALUM BEAD 5MM RC
11-0642	n/a	10UF 16V TANTALUM BEAD 5MM (RC)
11-0644	n/a	15UF 16V TANTALUM BEAD 5MM RC
11-0646	n/a	22UF 16V TANTALUM BEAD 5MM (RC)
11-0648	n/a	33UF 16V TANTALUM BEAD 5MM RC
11-0650	n/a	47UF 16V TANTALUM BEAD 5MM RC
11-0656	n/a	1UF 25V TANTALUM BEAD 5MM RC
11-0658	n/a	2.2UF 25V TANTALUM BEAD 5MM RC
11-0660	n/a	3.3UF 25V TANTALUM BEAD 5MM RC
11-0662	n/a	4.7UF 25V TANTALUM BEAD 5MM (RC)
11-0664	n/a	6.8UF 25V TANTALUM BEAD 5MM RC
11-0666	n/a	10UF 25V TANTALUM BEAD 5MM RC
11-0668	n/a	15UF 25V TANTALUM BEAD 5MM RC
11-0670	n/a	22UF 25V TANTALUM BEAD 5MM RC
11-0676	n/a	0.1UF 35V TANTALUM BEAD 5MM RC
11-0678	n/a	0.22UF 35V TANTALUM BEAD 5MM RC
11-0680	n/a	0.33UF 35V TANTALUM BEAD 5MM RC
11-0682	n/a	0.47UF 35V TANTALUM BEAD 5MM RC
11-0688	n/a	1UF 35V TANTALUM BEAD 5MM (RC)
11-0690	n/a	2.2UF 35V TANTALUM BEAD 5MM (RC)
11-0692	n/a	3.3UF 35V TANTALUM BEAD 5MM (RC)
11-0694	n/a	4.7UF 35V TANTALUM BEAD 5MM RC
11-0696	n/a	6.8UF 35V TANTALUM BEAD 5MM RC
11-0698	n/a	10UF 35V TANTALUM BEAD 5MM RC
11-1000	n/a	4.7UF 10V TANTALUM BEAD 2.5MM (RC)
11-1002	n/a	6.8UF 10V TANTALUM BEAD 2.5MM RC
11-1004	n/a	10UF 10V TANTALUM BEAD 2.5MM RC
11-1006	n/a	15UF 10V TANTALUM BEAD 2.5MM (RC)
11-1008	n/a	22UF 10V TANTALUMBEAD 2.5MM (RC)
11-1010	n/a	33UF 10V TANTALUM BEAD 2.5MM RC
11-1012	n/a	47UF 10V TANTALUM BEAD 2.5MM (RC)
11-1014	n/a	2.2UF 16V TANTALUM BEAD 2.5MM RC
11-1016	n/a	3.3UF 16V TANTALUM BEAD 2.5MM (RC)
11-1018	n/a	4.7UF 16V TANTALUM BEAD 2.5MM RC
11-1020	n/a	6.8UF 16V TANTALUM BEAD 2.5MM (RC)
11-1022	n/a	10UF 16V TANTALUM BEAD 2.5MM (RC)

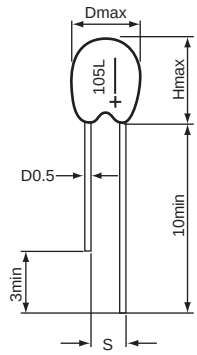
Sales: 01206 751166 **Technical: 01206 835555** **Fax: 01206 751188**
Sales@rapidelec.co.uk **Tech@rapidelec.co.uk** **www.rapidonline.com**

Best Sellers

Order code	Manufacturer code	Description
11-1024	n/a	15UF 16V TANTALUM BEAD 2.5MM
11-1026	n/a	22UF 16V TANTALUM BEAD 2.5MM (RC)
11-1028	n/a	33UF 16V TANTALUM BEAD 2.5MM RC
11-1030	n/a	47UF 16V TANTALUM BEAD 2.5MM RC
11-1036	n/a	1UF 25V TANTALUM BEAD 2.5MM (RC)
11-1038	n/a	2.2UF 25V TANTALUM BEAD 2.5MM RC
11-1040	n/a	3.3UF 25V TANTALUM BEAD 2.5MM RC
11-1042	n/a	4.7UF 25V TANTALUM BEAD 2.5MM RC
11-1044	n/a	6.8UF 25V TANTALUM BEAD 2.5MM RC
11-1046	n/a	10UF 25V TANTALUM BEAD 2.5MM (RC)
11-1048	n/a	15UF 25V TANTALUM BEAD 2.5MM RC
11-1050	n/a	22UF 25V TANTALUM BEAD 2.5MM RC
11-1056	n/a	0.1UF 35V TANTALUM BEAD 2.5MM RC
11-1058	n/a	0.22UF 35V TANTALUM BEAD 2.5MM RC
11-1060	n/a	0.33UF 35V TANTALUM BEAD 2.5MM (RC)
11-1062	n/a	0.47UF 35V TANTALUM BEAD 2.5MM RC
11-1068	n/a	1UF 35V TANTALUM BEAD 2.5MM (RC)
11-1070	n/a	2.2UF 35V TANTALUM BEAD 2.5MM RC
11-1072	n/a	3.3UF 35V TANTALUM BEAD 2.5MM RC
11-1074	n/a	4.7UF 35V TANTALUM BEAD 2.5MM RC
11-1076	n/a	6.8UF 35V TANTALUM BEAD 2.5MM RC
11-1078	n/a	10UF 35V TANTALUM BEAD 2.5MM RC

MEC SOLID TANTALUM TYPE MTAP SERIES

Drawing (WIRE FORMS)



Ratings

* Operating Temperature:
  -55 ~ 85 °C
  -55 ~ 125 °C
* Capacitance Tolerance:
  ±10%; ± 20%
* Leakage Current
  $0.02C_RV_R$ or 1 μA
  $0.01C_RV_R$ or 0.5 μA

Dimensions(mm)

Case	A	B	C	D	E	F
Dmax	4.5	5.5	6.5	8.5	9.5	11
Hmax	8	10	11	12.5	14.5	17.5
S ± 0.5	2.5	2.5	2.5	2.5	5.0	5.0

Case & Rated Voltage / Capacitance

C_R(μF)	VR	4	6.3	10	16	25	35	40	50	UR
	Code	C	D	E	F	H	L	T		Code
0.1	104						A	A	A	104
0.15	154						A	A	A	154
0.22	224						A	A	A	224
0.33	334						A	A	A	334
0.47	474						A	A	A	474
0.68	684						A	A	B	684
1	105					A	A	A	B	105
1.5	155					A	A	B	B	155
2.2	225				A	A	B	B	C	225
3.3	335			A	A	B	B	B	C	335
4.7	475	A	A	A	B	B	B	C	D	475
6.8	685	A	A	B	B	B	C	D	E	685
10	106	A	B	B	B	C	C	E	E	106
15	156	A	B	B	C	D	E	E	F	156
22	226	B	B	C	C	E	E	F	F	226
33	336	B	C	C	D	E	F	F		336
47	476	B	C	D	E	F	F			476
68	686	C	D	E	E	F				686
100	107	C	E	E	F					107
150	157	D	E	F	F					157
220	227	E	F	F						227
330	337	E	F							337
	Code	C	D	E	F	H	L	T		Code

How to Order:

MTAP **105** **M** **035** **SC**

Type

Capacitance Code
pF Code: 1 st two digits represent significant figures, 3rd digit represents multiplier (number of zeros to follow)

Capacitance Tolerance
(K= ±10%, M= ±20%)

Rated DC Voltage

Suffix Indicating

Wire Form and Packaging

SC: WIRE FORM S / BUCK
SR: WIRE FORM S / TAPE & REEL

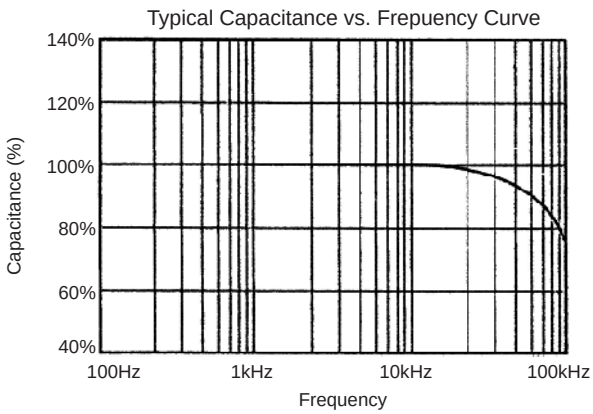
MOBICON
Electronic Components

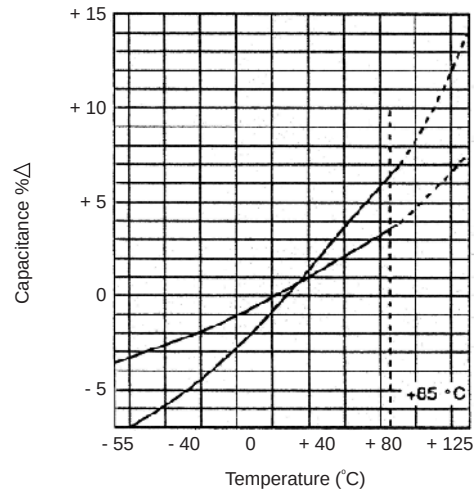
MEC TANTALUM CAPACITORS CHARACTERISTICS

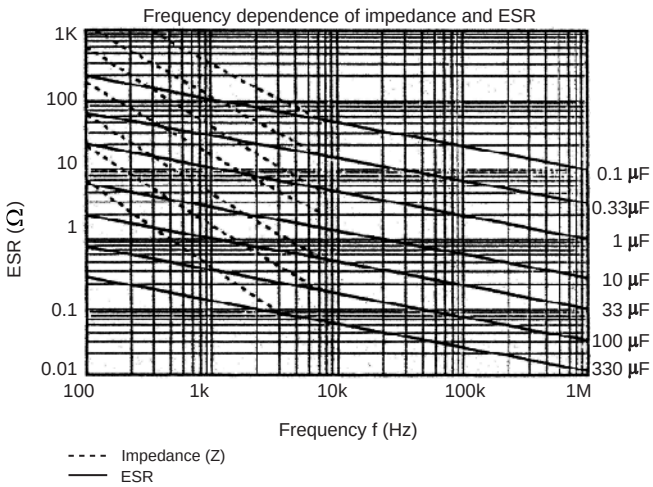
Tanlalum capacitors are manufactured from a powder of pure tantalum metal pressed to form a slug around a tantalum wire and subsequently vacuum sintered at high temperature.

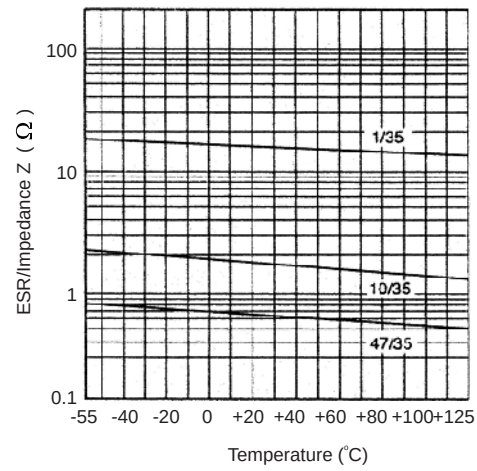
The resulting slug, although of high mechanical strength and density, is also highly porous giving a large internal surface area. This forms the positive "plate" of the capacitor.

A dielectric layer of tantalum pentoxide is anodized on the surface of the tantalum anode, the cathode is formed by layers of manganese dioxide. Electrical contact is established by the deposition of carbon onto the surface of the "slug". The cathode connection is then made by means of conductive contact to a lead frame. Packaging is carried out to meet individual specification and customer requirements.









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