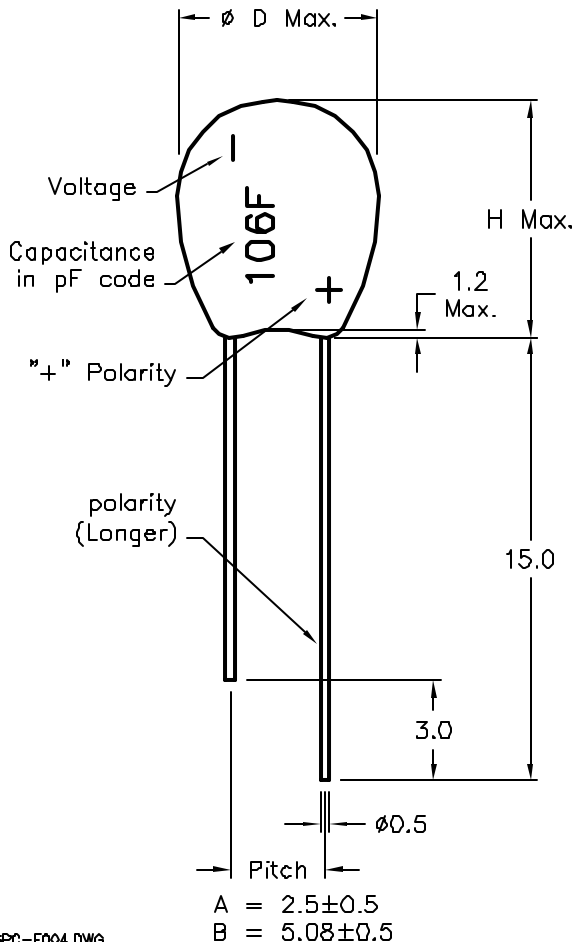


DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1893	A	RELEASED	EO	8/25/08	JN	04/16/08	JN	04/16/08



Case Code	Dimensions	
	D	H
A	4.0	6.5
B	4.5	7.5
C	5.2	8.5
D	6.0	9.5
E	7.0	10.5
F	8.2	12.5
G	10.0	18.5



SPC-F004.DWG

Multicomp P/N	Voltage (VWDC)	Capacitance (μF)	Tolerance (%)	Case Code	Pitch
MCDT10K6R3-1-RH	6.3	10	10	A	A
MCDT15K6R3-1-RH	6.3	15	10	B	A
MCDT47M6R3-1-RH	6.3	47	20	C	A
MCDT100M6R3-1-RH	6.3	100	20	E	A
MCDT4R7K10-1-RH	10	4.7	10	A	A
MCDT10K10-1-RH	10	10	10	B	A
MCDT47K10-1-RH	10	47	10	D	A
MCDT68M10-1-RH	10	68	20	E	A
MCDT100M10-2-RH	10	100	20	F	B
MCDT1K16-1-RH	16	1.0	10	A	A
MCDT2R2K16-1-RH	16	2.2	10	A	A
MCDT3R3K16-1-RH	16	3.3	10	A	A
MCDT4R7K16-1-RH	16	4.7	10	A	A
MCDT10K16-1-RH	16	10	10	B	A
MCDT22K16-1-RH	16	22	10	C	A
MCDT33K16-1-RH	16	33	10	D	A
MCDT47M16-1-RH	16	47	20	E	A
MCDT2R2K25-1-RH	25	2.2	10	A	A
MCDT4R7K25-1-RH	25	4.7	10	B	A
MCDT6R8K25-1-RH	25	6.8	10	C	A
MCDT10K25-1-RH	25	10	10	C	A
MCDT15K25-1-RH	25	15	10	D	A
MCDT22M25-1-RH	25	22	20	E	A
MCDT33M25-2-RH	25	33	20	E	B
MCDT47M25-2-RH	25	47	20	F	B
MCDT68M25-2-RH	25	68	20	G	B
MCDR10M35-1-RH	35	0.1	20	A	A
MCDR15M35-1-RH	35	0.15	20	A	A
MCDR22M35-1-RH	35	0.22	20	A	A
MCDR47M35-1-RH	35	0.47	20	A	A
MCDR68M35-1-RH	35	0.68	20	A	A
MCDT1K35-1-RH	35	1.0	10	A	A
MCDT2R2K35-1-RH	35	2.2	10	B	A
MCDT3R3K35-1-RH	35	3.3	10	C	A
MCDT4R7K35-1-RH	35	4.7	10	C	A
MCDT6R8K35-1-RH	35	6.8	10	D	A
MCDT10K35-1-RH	35	10	10	D	A
MCDT15M35-1-RH	35	15	20	D	A
MCDT22M35-2-RH	35	22	20	E	B
MCDT33M35-2-RH	35	33	20	F	B
MCDR10M50-1-RH	50	0.1	20	A	A
MCDR33M50-1-RH	50	0.33	20	A	A
MCDR47M50-1-RH	50	0.47	20	A	A
MCDT2R2K50-1-RH	50	2.2	10	C	A
MCDT3R3K50-1-RH	50	3.3	10	D	A
MCDT4R7K50-1-RH	50	4.7	10	E	A
MCDT6R8M50-2-RH	50	6.8	20	F	B
MCDT10M50-2-RH	50	10	20	F	B

TOLERANCES:

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:

EKLAS ODISH

DATE:

8/25/08

CHECKED BY:

Jason Nash

DATE:

04/16/08

APPROVED BY:

Jason Nash

DATE:

04/16/08

DRAWING TITLE:

Capacitor, Tantalum Electrolytic, Dipped

SIZE

DWG. NO.

A

TA-808

ELECTRONIC FILE

TA-808.DWG

REV

A

SCALE: NTS

U.O.M.: Millimeters

SHEET: 1 OF 2

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**Features:**

- Resin-Coated, High performance to standard for general
- For color television, computer, military & consumer instrument and other industrial electronic products application
- Meets the requirements of GB7215-87

**Specification:**

Item	Performance Characteristics	
Operating Temperature	-55°C ~ +125°C (Max. operating temperature at rated voltage shall be up to 85°C)	
Dissipation Factor	test frequency 120Hz 0.1 ~ 1μF = 4% Max., 1.5 ~ 6.8μF = 6% Max., 10 ~ 68μF = 8% Max., 100 ~ 220μF = 10% Max., 330μF and up = 12% Max.	
Leakage Current	After 1 Minute application of rated voltage, leakage current at 20°C is not more than 0.01CrUr (μA) or 0.5μA whichever is greater.	After 1 Minute application of rated voltage, leakage current at 85°C is not more than 0.1CrUr (μA) or 5μA whichever is greater.
Capacitance Change by Temperature	+15% Max. @ +125°C +12% Max. @ +85°C -12% Max. @ -55°C	
Surge Voltage	After application of surge voltage in series with a 33Ω resistor at rate voltage of 30 sec "ON" 30 sec "OFF", for 1000 successive test cycles at 85°C capacitance meet the characteristics requirements listed below.	
	Capacitance Change	Within ±10% of initial value
	Dissipation Factor	Initial specified value or less
	Leakage Current	Initial specified value or less
Resistance to solder heat	After immersing the bottom parts of the capacitor bodies by 2 ~ 2.5 mm in solder pot at 260±5°C for 30 ±0.5 sec.	
	Capacitance Change	Within ±3% of initial value
	Dissipation Factor	Initial specified value or less
	Leakage Current	Initial specified value or less
Humidity Resistance	At 40°C, 90 ~ 95% R.H., for 500 hours (no voltage applied). The capacitance meet the requirement listed below.	
	Capacitance Change	Within ±12% of initial value
	Dissipation Factor	Initial specified value or less
	Leakage Current	Initial specified value or less
Load Life	After 1000 hours application of rated voltage in series with 3W resistor at 85°C or derated voltage at 125°C, capacitance meet the characteristics requirements listed below	
	Capacitance Change	Within ±10% of initial value
	Dissipation Factor	Initial specified value or less
	Leakage Current	1.25 times Initial specified value or less

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	A	TA-808	TA-808.DWG	A
Doc. No. SPC-F004 * Effective: 7/8/02 * DCP No: 1398	SCALE: NTS	U.O.M.: Millimeters	SHEET: 2 OF 2	