

Aluminum Electrolytic Capacitors

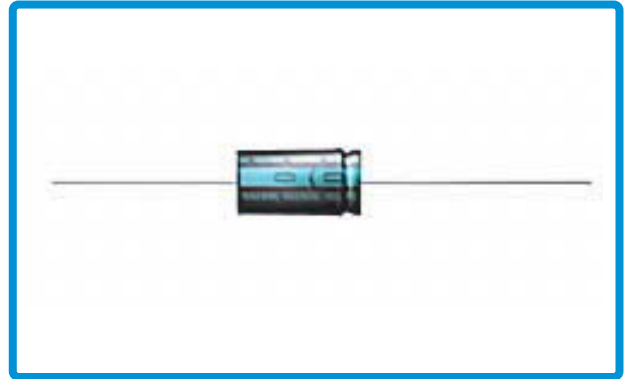


HTRT Series
(High Temperature, Axial)

MERITEK

FEATURES

- Wide CV value range
- Load life 2000hrs at 105°C
- Solvent proof



SPECIFICATIONS

Item	Characteristic																		
Operating Temp Range	-40°C to +105°C																		
Rated Working Voltage	6.3 to 100VDC																		
Capacitance Tolerance	±20% (M)																		
Leakage Current (25°C)	<table border="1"> <thead> <tr> <th>Time</th> <th>After 1 minute</th> <th>After 2 minutes</th> </tr> </thead> <tbody> <tr> <td>Leakage current (I)</td> <td>$I \leq 0.03CV$ or $4\mu A$ Whichever is greater</td> <td>$I \leq 0.01CV$ or $3\mu A$ Whichever is greater</td> </tr> </tbody> </table> <p>C= Nominal Capacitance (μF) V= Rated voltage</p>	Time	After 1 minute	After 2 minutes	Leakage current (I)	$I \leq 0.03CV$ or $4\mu A$ Whichever is greater	$I \leq 0.01CV$ or $3\mu A$ Whichever is greater												
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Dissipation Factor Tan δ (120Hz, 25°C)	<p>Add 0.02 per 1000μF for more than 1000μF</p> <table border="1"> <thead> <tr> <th>WV</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>63</th> <th>100</th> </tr> </thead> <tbody> <tr> <td>tanδ</td> <td>0.24</td> <td>0.20</td> <td>0.17</td> <td>0.15</td> <td>0.12</td> <td>0.10</td> <td>0.10</td> <td>0.08</td> </tr> </tbody> </table>	WV	6.3	10	16	25	35	50	63	100	tan δ	0.24	0.20	0.17	0.15	0.12	0.10	0.10	0.08
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Low Temperature Stability	<p>Impedance ratio at 120Hz</p> <table border="1"> <thead> <tr> <th>Rated voltage</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35-100</th> </tr> </thead> <tbody> <tr> <td>-25°C / +20°C</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>-40°C / +25°C</td> <td>10</td> <td>8</td> <td>6</td> <td>4</td> <td>3</td> </tr> </tbody> </table>	Rated voltage	6.3	10	16	25	35-100	-25°C / +20°C	4	3	2	2	2	-40°C / +25°C	10	8	6	4	3
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PART NUMBERING SYSTEM

Meritek Series	HTRT	16V	222	M	TA	16 x 31
Voltage						
Capacitance						
Tolerance						
Package						
CODE	TA	TR	BLANK			
	Tape & Ammo	Tape & Reel	Bulk			

Case size - (D) Diameter X (L) Length in mm (Optional)

A suffix may be added to denote customer specific features

Specifications are subject to change without notice.

CASE SIZE

D	6.3	8	10	13	16	18
d	0.6				0.8	

