



**CUSTOMER:** DIGIKEY  
**CUSTOMER PN:**  
**UCC PN:** E36D101LPN223TDB7M  
**UCC MAXCIM NO.:** 93258

**ELECTRICAL CRITERIA**

CAPACITANCE (120Hz/25°C): 22000  $\mu$ F  
 CAPACITANCE TOLERANCE: -10/+50 %  
 RATED Vdc 100 V  
 SURGE Vdc (30 sec): 125 V  
 MAX. ESR (120Hz/25°C): 10 m $\Omega$   
 TYP. ESR (120Hz/25°C): 8 m $\Omega$   
 MAX. I<sub>rms</sub> (120Hz/85°C): 14.0 A  
 MAX. DCL (Vdc/5:00/25°C): 5.000 mA

**MECHANICAL CRITERIA**

MAX. VIBRATION: 10-55Hz 10 g  
 TERMINAL THREAD 10-32  
 THREAD DEPTH 5.6 mm  
 MAX. TERMINAL TORQUE: 2 Nm  
 TYP. WEIGHT: 562 grams

**OPERATING CRITERIA**

MAX. TEMPERATURE: +85 °C  
 MIN. TEMPERATURE: -40 °C  
 LOAD LIFE (V<sub>DC</sub>+I<sub>RMS</sub>/85°C): 2000 Hrs  
 MAX.  $\Delta$  CAP. (measured value):  $\pm$  20 %  
 MAX. ESR (specified value):  $\leq$  200 %  
 MAX. DCL (V<sub>DC</sub>/5:00/25°C): 5.000 mA  
 SHELF LIFE (85°C): 500 Hrs  
 MAX.  $\Delta$  CAP. (measured value):  $\pm$  20 %  
 MAX. ESR (specified value):  $\leq$  200 %  
 MAX. DCL (V<sub>DC</sub>/5:00/25°C): 5.000 mA

**IRMS FREQUENCY MULTIPLIERS**

50Hz	120Hz	300Hz	1kHz	3kHz
0.80	1.00	1.10	1.30	1.40

**IRMS AMBIENT MULTIPLIERS**

55°C	65°C	75°C	85°C
2.39	2.22	1.67	1.00

**COMMENTS**

RoHS compliant

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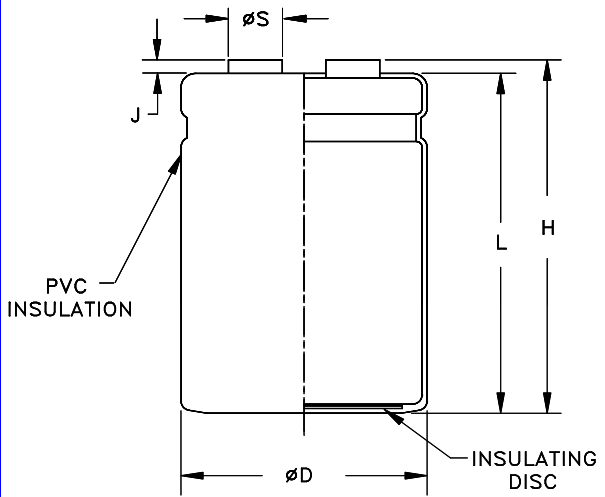
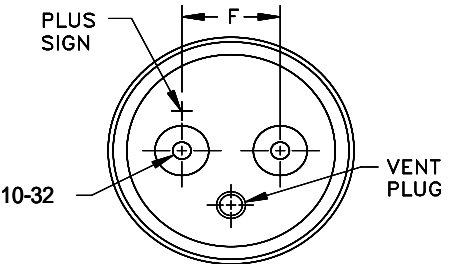
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DIMENSIONAL CRITERIA			
	X	mm	in
$\phi$ D	63.5	- 0.00	+ 2.00
L	117.0	- 1.00	+ 1.00
H	118.6	- 2.00	+ 2.00
F	28.6	- 0.25	+ 0.25
J	1.6	- 0.50	+ 0.50
$\phi$ S	8.0	- 0.25	+ 0.25

**MARKING**

U36D 85°C  
 100V 22000uF  
 Date Code  
 + positive



TDS NO.: TDS-09-0666  
 AUTHOR: TMASH  
 DATE: 04-SEP-09