


CUSTOMER:
CUSTOMER PN:
UCC PN: ESMH800VRT223MB80T

UCC MAXCIM NO.: 85081

ELECTRICAL CRITERIA

CAPACITANCE (120Hz/20°C):	22000 μ F
CAP.TOLERANCE:	± 20 %
RATED V _{DC}	80 V
SURGE V _{DC} (30 sec):	100 V
MAX. TAN δ (120Hz/20°C) :	15 %
TYP. ESR (120Hz/20°C):	93 m Ω
MAX. I _{RMS} (120Hz/85°C):	11.6 A
MAX. DCL (V _{DC} /5:00/20°C):	3.000 mA

MECHANICAL CRITERIA

MAX. VIBRATION:	10-55Hz 10g
TYP. WEIGHT:	142 grams

OPERATING CRITERIA

MAX. TEMPERATURE:	+85 °C
MIN. TEMPERATURE:	-25 °C
LOAD LIFE (V _{DC} +I _{RMS} /85°C):	2000 Hrs
MAX. Δ CAP. (measured value):	± 20 %
MAX. TAN δ (specified value):	+200 %
MAX. DCL (V _{DC} /5:00/20°C):	3.000 mA
SHELF LIFE (85°C):	1000 Hrs
MAX. Δ CAP. (measured value):	± 20 %
MAX. TAN δ (specified value):	+150 %
MAX. DCL (V _{DC} /5:00/20°C):	3.000 mA

IRMS FREQUENCY MULTIPLIERS

V _{DC}	50Hz	120Hz	300Hz	1kHz	10kHz	100kHz
6.3-50	0.95	1.00	1.03	1.05	1.08	1.08
63-100	0.92	1.00	1.07	1.12	1.19	1.20
160-250	0.81	1.00	1.17	1.32	1.45	1.50
315-450	0.77	1.00	1.16	1.30	1.41	1.43

IRMS AMBIENT MULTIPLIERS

45°C	60°C	70°C	85°C
1.73	1.50	1.32	1.00

COMMENTS

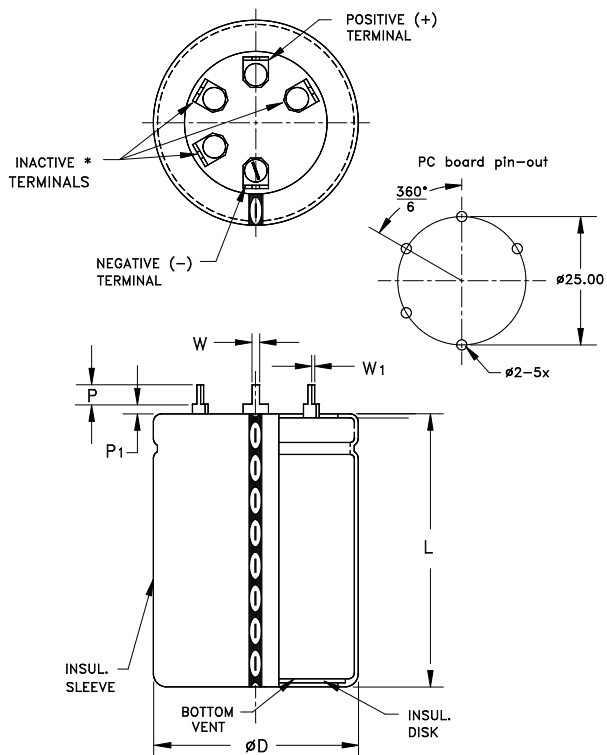
RoHS Compliant

DIMENSIONAL CRITERIA

	X	mm	in
ϕ D	40.0	- NA	+ 1.0
L	80.0	- 2.0	+ 2.0
P	3.75	- 1.0	+ 1.0
P ₁	2.0	- NA	+ 0.0
W	1.5	- 0.1	+ 0.1
W ₁	0.7	- 0.2	+ 0.2

MARKING

 SMH 85°C
 80V 22000 μ F(M)
 Date Code



* Inactive terminals for mechanical support only.

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 AUTHOR: JCP
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