



CUSTOMER:

CUSTOMER PN:

UCC PN:

E32D251CJN562MC92M

UCC MAXCIM NO.:

88805

ELECTRICAL CRITERIA

CAPACITANCE (120Hz/25°C):	5600 μ F
CAPACITANCE TOLERANCE:	+/-20 %
RATED V _{DC}	250 V
SURGE V _{DC} (30 sec):	300 V
MAX. ESR (120Hz/25°C):	40 m Ω
TYP. ESR (120Hz/25°C):	33 m Ω
MAX. I _{RMS} (120Hz/105°C):	8.4 A
MAX. DCL (V _{DC} /5:00/25°C):	3.000 mA

MECHANICAL CRITERIA

MAX. VIBRATION:	10-55Hz 10 g
TERMINAL THREAD	M5
THREAD DEPTH	11 mm
MAX. TERMINAL TORQUE:	2.8 Nm
TYP. WEIGHT:	260 grams

OPERATING CRITERIA

MAX. TEMPERATURE:	+105 °C
MIN. TEMPERATURE:	-40 °C
LOAD LIFE (V _{DC} +I _{RMS} /105°C):	2000 Hrs
MAX. Δ CAP. (measured value):	$\pm$ 20 %
MAX. ESR (specified value):	$\leq$ 200 %
MAX. DCL (V _{DC} /5:00/25°C):	3.000 mA
SHELF LIFE (105°C):	500 Hrs
MAX. Δ CAP. (measured value):	$\pm$ 20 %
MAX. ESR (specified value):	$\leq$ 200 %
MAX. DCL (V _{DC} /5:00/25°C):	3.000 mA

IRMS FREQUENCY MULTIPLIERS

V _{DC}	50Hz	120Hz	300Hz	1kHz	10kHz	50kHz
6.3-50	0.95	1.00	1.03	1.05	1.09	1.12
63-80	0.90	1.00	1.06	1.10	1.18	1.22
100-250	0.80	1.00	1.12	1.22	1.30	1.33
315-500	0.80	1.00	1.19	1.34	1.46	1.52

IRMS AMBIENT MULTIPLIERS

55°C	65°C	75°C	85°C	105°C
2.65	2.45	2.00	1.73	1.00

COMMENTS

RoHS Compliant

Resistance weld method of tab to terminal connection

0.008x0.275" tab dimension

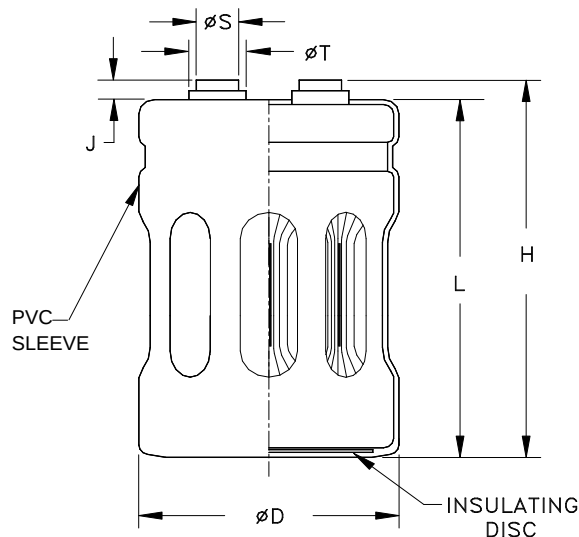
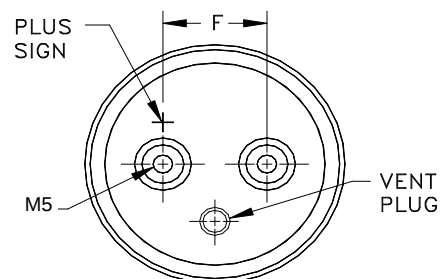
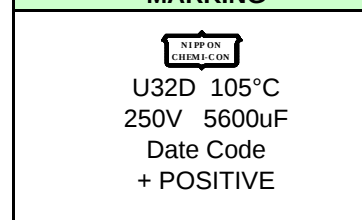
Four tabs per electrode

Capacitor suitable for horizontal mounting

DIMENSIONAL CRITERIA

	X	mm	in
ϕ D	50.8	- 0.00	+ 1.00
L	92.0	- 0.00	+ 2.00
H	99.5	- 2.00	+ 2.00
F	22.2	- 0.50	+ 0.50
J	7.0	- 1.00	+ 1.00
ϕ S	10.5	- 0.25	+ 0.25
ϕ T	15.5	- 0.50	+ 0.50

MARKING



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