

# Type MEC-DL

## Low Profile DC Filter Capacitor

Shizuki™ MEC-DL Low Profile Capacitors are designed with PCB board mounting in mind.

Their lead spacing and compact size are conducive for low inductance (<1nH per mm of lead spacing.) They are available with a single lead or dual leads depending on the current or application requirements.



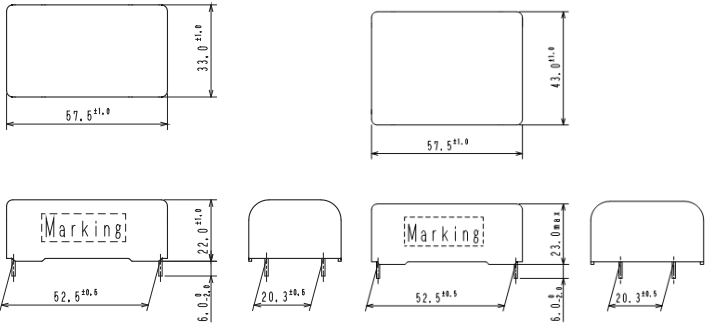
### General Specifications

Parameter	Value
Capacitance	13 $\mu$ F – 66 $\mu$ F
Tolerance	$\pm$ 10%
Rated voltage	450, 850VDC
Temperature Range (operational)	-40/85C
Temperature Range (storage)	-40/105C
RMS Current	Up to 13 Arms
Standards	IEC61071
Case	PBT UL-94V-0 Standard
Fill Material	Epoxy
Terminals	Tin Plated Copper Wire
Mounting Position	PCB Through Hole
Tan $\delta$	2 x 10 <sup>-4</sup> Polypropylene
Terminal to Terminal Test	1.5 x Un 10 seconds
Terminal to Case Test	Ut-CASE = 2000 Vrms @ 50 Hz for 10 seconds
Reliability	100 FIT

### Applications

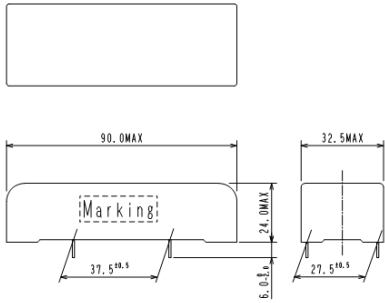
Applications include but are not limited to: DC filtering, frequency converters, solar power inverters, and micro inverters.

**Dimensions [mm]:**



**FIG. A**

**FIG. B**



**FIG. C**

**Ordering Information**

Type	Capacitance	Tolerance	Voltage	Order Codes

*American Shizuki Capacitors specializes in creating made-to-order solutions for your unique application. Please don't hesitate to ask us about customized components.*



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