

AC Motor Start Capacitor

330VAC 100μF 10%

MCS100UF33AT

MERITEK

FEATURES

- Intermittent AC Motor Starting
- 6.3mm Quick Connect Terminals
- Long Life and High Reliability



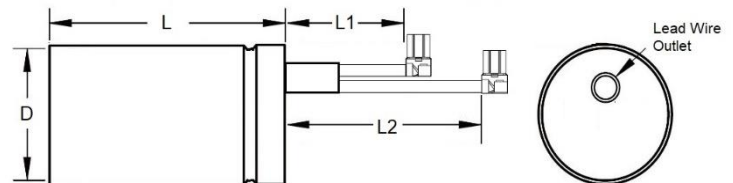
SEPCIFICATION

Item	Characteristic
Operating Temperature	-40°C ~ +65°C
Rated Voltage, Operating Frequency	330VAC, 50Hz
Rated Capacitance Range	100μF, 0~+15%
Dissipation Factor	< 0.10 (20°C · 50Hz)
Accelerated Life Test	Apply rated voltage at +55°C · 1sec on · 59sec off, 15000 Cycles; Capacitance: Within ±15% of initial value Dissipation Factor: ≤0.20
Withstanding Voltage – Between Terminals	Apply 1.2times working voltage for 2sec without break down
Withstanding Voltage – Between Case and Terminal	2000VAC for 10sec without break down
Reference Standard	ANSI/EIA-463

DIMENSIONS

Items	Size (mm)
D ±0.5	45
L Max	90
L1 ±1.0	89
L2 ±1.0	152.5

Terminal Type
6.3mm Quick connect terminal, Flag type



PART NUMBERING SYSTEM

MCS 100UF 33 AT
(1) (2) (3) (4)

No	Items	Digit	Description
(1)	Meritek Series	MCS	Motor Start Capacitor Series,
(2)	Capacitance	100UF	100μF 0~+15%
(3)	Rated Voltage	33	330VAC at 50Hz, 25°C
(4)	Internal Code	AT	45x90mm, Flag Terminal, L1/L2: 89mm/152.5mm