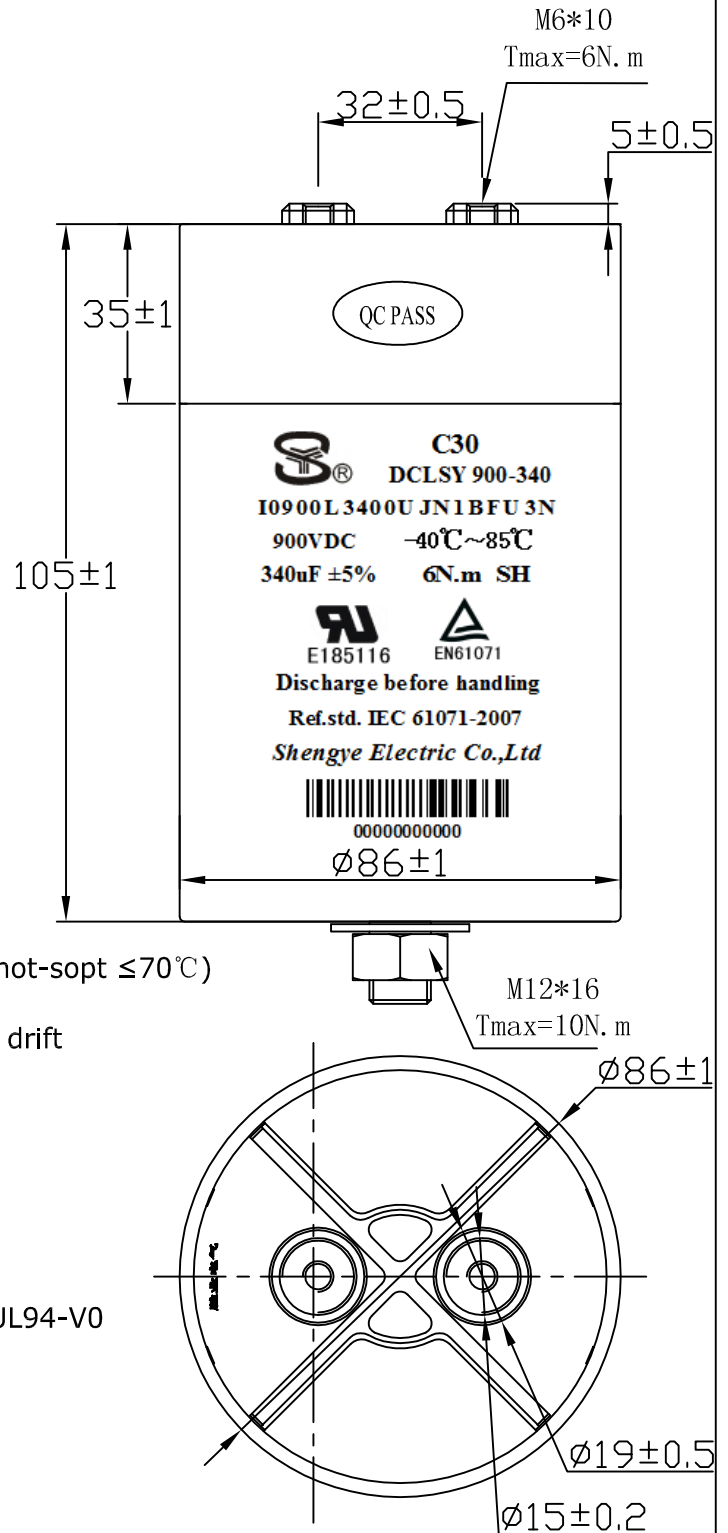


C30

Technical Data:

- Capacitance: 340 μ F
- Tolerance: -5%~+5%
- Undc: 900Vdc
- I_{max}: 60Arms @ Ta=40°C
- ESR: $\leq 1.3m\Omega$ @ 10KHz/25°C
- ESL: $\leq 80nH$
- R_{th}(hotspot/Amb): 7.0°C/W
- Lose angle of the capacitor:
 $\tan\delta \leq 0.0015$ @ 100Hz/25°C
- Dielectric loss factor:
 $\tan\delta = 0.0002$ @ 100Hz/25°C
- Over voltage: 1.1Un 8hours/day
- Test voltage between terminal:
1.5Un VDC/10s (at 25°C)
- Test voltage between terminal to case:
3800Vac/5s (at 25°C, 50/60Hz)
- Operation temperature: -40/85°C
- Storage temperature: -40/85°C
- Altitude: ≤ 2000 meters
- Life expectancy: 100,000 hours (@Un, hot-sopt $\leq 70^\circ C$)
- Failure rate: <100FIT
- End of life specification: 5% capacitance drift
- Thermal Calculation:
 $Thot-spot \approx Tamb + I_{rms}^2 * ESR * R_{th}$
- Impregnation: epoxy resin
- Dielectric: Polypropylene film
- Case: Aluminum can
- Terminal Type: L1
- Reference Standard: IEC61071-2007, UL94-V0
- Safety Approvals:
UL (Certificate NO. E185116)
TUV (Certificate NO. B1602 73204 023)



Material regist

CAD

Check

Former diagram NO.

Diagram NO.

Signature

Date

Order.NO

DCLSY 900-340
I0900L3400UJN1BFU3N

Ineltron GmbH

SHENG YE

Ver

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Design Phases Weight Scale

Total Page1 Page1