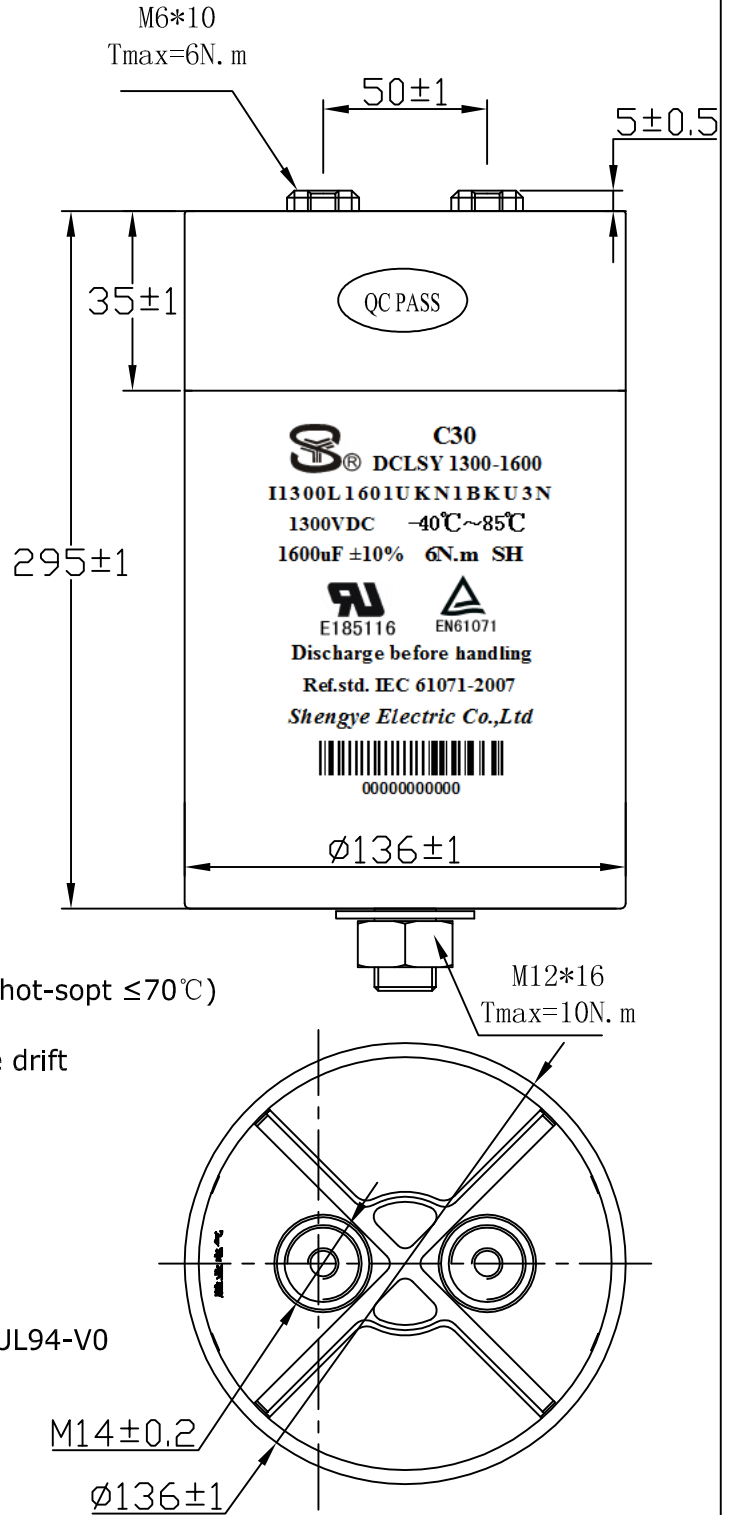


C30

Technical Data:

- Capacitance: 1600 μ F
- Tolerance: -10%~+10%
- Undc: 1300Vdc
- I_{max}: 80Arms @ Ta=40 $^{\circ}$ C
- ESR: \leq 1.0m Ω @10KHz/25 $^{\circ}$ C
- ESL: \leq 80nH
- R_{th}(hotspot/Amb): 2.0 $^{\circ}$ C/W
- Lose angle of the capacitor: $\tan\delta \leq 0.0015$ @100Hz/25 $^{\circ}$ C
- Dielectric loss factor: $\tan\delta = 0.0002$ @100Hz/25 $^{\circ}$ C
- Over voltage: 1.1Un 8hours/day
- Surge peak voltage: 1650V
- Test voltage between terminal: 1.5Un VDC/10s (at 25 $^{\circ}$ C)
- Test voltage between terminal to case: 3800Vac/5s (at 25 $^{\circ}$ C, 50/60Hz)
- Operation temperature: -40/85 $^{\circ}$ C
- Storage temperature: -40/85 $^{\circ}$ C
- Altitude: \leq 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)



Material regist

CAD

Check

Former diagram NO.

Diagram NO.

Signature

Date

Order.NO

DCLSY 1300-1600
I1300L1601UKN1BKU3N

Ineltron GmbH

SHENG YE

| Symbol | Amount | Zone | Doc. NO | Signature | Date |
|----------|--------|------------|----------|-----------|------|
| Design | Xie | 2017-06-30 | Standard | | |
| Drawing | Xie | 2017-06-30 | | | |
| Auditing | He | 2017-06-30 | | | |
| Technics | | | Approved | | |

Design Phases Weight Scale

Total Page1 Page1

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