C30

Technical Data:

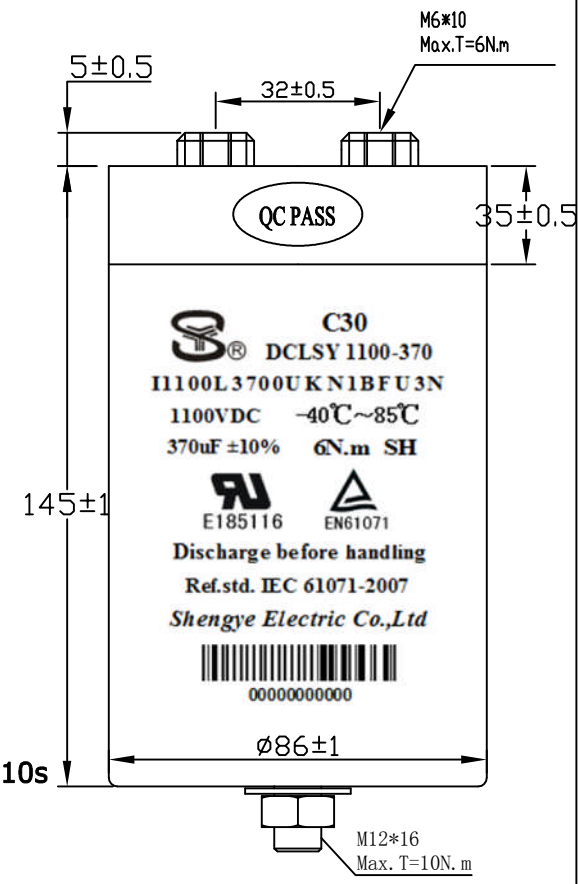
- Cn: 370μF
- Tolerance: -10%～+10%
- Un: 1100Vdc
- Imax: 73Arms @ Ta=40℃

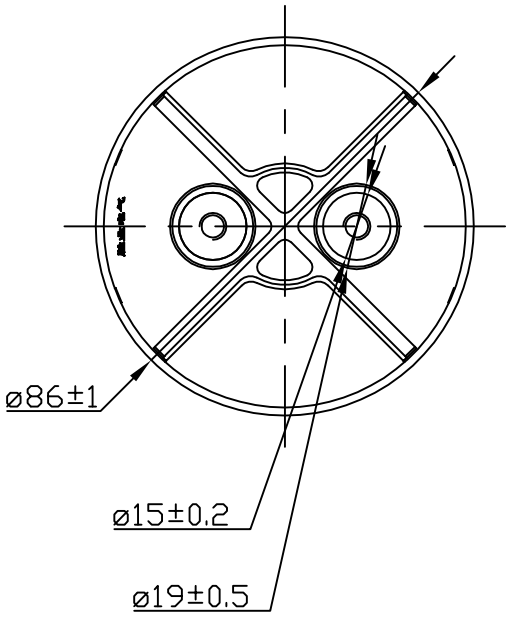
- ESR: 1.6mΩ @ 10KHz/25℃
- ESL: ≤ 40nH @ 1MHz/25℃
- Rth: 5℃/W hot-spot/Amb
- Loss angle of the capacitor:
  tanδ ≤0.1% @ 100Hz/25℃
- Dielectric loss factor:
  tand=0.0002 @ 100Hz/25℃
- Over voltage:1.1Un 8hours/day

- Test voltage between terminal: 1705Vdc/10s (at 25℃)
- Test voltage between terminal to case: 4000Vac/10s (50/60Hz)

- Operation temperature: -40/70℃
- Storage temperature: -40/85℃
- Altitude:≤2000 meters
- Life expectancy: 100,000 hours @Un, Thot-sopt=70℃
- Failure rate:＜100FIT
- End of life specification: 5% capacitance drift
- Thermal Calculation:
  Thot-spot≈Tamb+I^2rms*ESR*Rth

- 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.B.16.02.73204.023)





Material regist	
CAD	
Check	
Former diagram NO.	
Diagram NO.	
Signature	
Date	

Symbol	Amount	Zone	Doc. NO	Signature	Date

Design	Liu	2016-11-01	Standard		
Drawing	Liu	2016-11-01			
Auditing	He	2016-11-01			
Technics			Approved		

Order. NO

DCLSY 1100-370
I1100L3700UKN1BFU3N

Design Phases	Weight	Scale

Top Page1 Page1

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