

Sequent No. : DS2021- 093001
Issue Date : 30 Sept., 2021
Reference : KJ-PRD-PS-044F2

DATA SHEET

Customer Name	SE Spezial-Electronic GmbH	Cust. P/N	
Product Description	35V470 μ F Φ 10 x 10.5 Series : HT Sample Qty : pcs	KJ P/N	35HT471MLC10X10.5EC

RoHS Compliance

Item	Specification		
Series	HT (Wide Temperatur)		
Operating Temperature Range	-55 ~ +105℃		
Voltage Range	35V		
Capacitance	470 μ F		
Capacitance Tolerance	± 20% at 120Hz, 20℃		
Case Size (ΦD×L)	Φ 10 x 10.5 (±0.5) (mm)		
Leakage Current	≤ 164.5 μ A (0.01CV or 3 μ A, whichever is greater, 2min)		
Tangent of Loss Angle (Tan δ)	≤ 0.12 at 120Hz, 20℃		
Equivalent Series Resistance (ESR)	≤ 0.6 Ω at 120Hz, 20℃		
Ripple Current	≤ 280mA / rms at 120Hz, 105℃		
Load Life: After <u>2000</u> hours' application of rated voltage at 105℃, capacitors meet the characteristics requirements listed at right.	Capacitance Change: Within ±20% of the initial value Tan δ : 200% or less of the initial specified value Leakage Current : Initial specified value or less		
Shelf Life: After leaving capacitors under no load at 105 ℃ for <u>1000</u> hours, they meet the characteristics listed above.			
Stability at Low Temperature			
	Measurement frequency: 120Hz		
	Impedance ratio	Z(-25℃) / Z(20℃)	2
	ZT / Z20 (max)	Z(-55℃) / Z(20℃)	3

CUSTOMER USE ONLY	RECEIPT RECORD
This was certainly received by us. One copy is being returned to the manufacturer.	Date of Receipt:
	Received by: