



凱吉電子股份有限公司
KJ (H.K.) ELECTRONICS CO., LIMITED

香港 新界 粉嶺 業豐街 15 號 寶利中心四樓 404 室
Room 404 Poly Centre, No.15 Yip Fung Street, Fanling, N.T. Hong Kong.

Sequent No. : DS2021- 093002
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 13.5 Series : HT Sample Qty : pcs	KJ P/N	35HT471MLC10X13.5EC

RoHS Compliance

Item	Specification		
Series	HT (Wide Temperatur)		
Operating Temperature Range	-55 ~ +105°C		
Voltage Range	35V		
Capacitance	470 μ F		
Capacitance Tolerance	\pm 20% at 120Hz, 20°C		
Case Size (Φ D \times L)	Φ 10 x 13.5 (\pm 0.5) (mm)		
Leakage Current	\leq 164.5 μ A (0.01CV or 3 μ A, whichever is greater, 2min)		
Tangent of Loss Angle (Tan δ)	\leq 0.12 at 120Hz, 20°C		
Equivalent Series Resistance (ESR)	\leq 0.55 Ω at 120Hz, 20°C		
Ripple Current	\leq 375mA / rms at 120Hz, 105°C		
Load Life: After 2000 hours' application of rated voltage at 105°C, capacitors meet the characteristics requirements listed at right.	Capacitance Change: Within \pm 20% of the initial value Tan δ : 200% or less of the initial specified value		
Shelf Life: After leaving capacitors under no load at 105 °C for 1000 hours, they meet the characteristics listed above.	Leakage Current : Initial specified value or less		
Stability at Low Temperature	Measurement frequency: 120Hz		
	Impedance ratio	Z(-25°C) / Z(20°C)	2
	ZT / Z20 (max)	Z(-55°C) / Z(20°C)	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:



凱吉電子股份有限公司
KJ (H.K.) ELECTRONICS CO., LIMITED

香港 新界 粉嶺 業豐街 15 號 寶利中心四樓 404 室
Room 404 Poly Centre, No.15 Yip Fung Street, Fanling, N.T. Hong Kong.

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