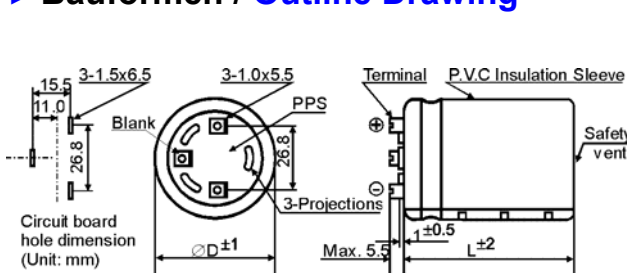


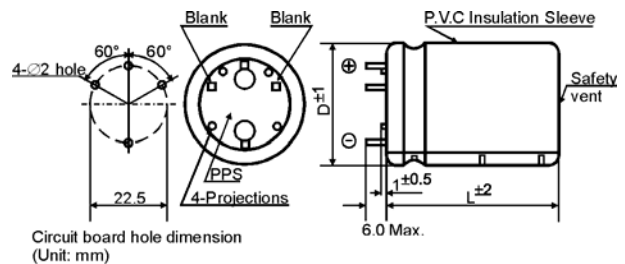
► **Spezifikationen / Specifications**

Items	Characteristics
Temperaturbereich / Temperature range	-25°C ~ + 105°C
Nennspannung / Rated voltage	600V
Spitzenspannung / Surge voltage	Max. 30 sec alle/per 6 Minuten/Minutes
Leckstrom bei 20°C Leakage current at 20°C	0.01CV[μA] oder 3mA. Es gilt der kleinere Wert. 0.01CV[μA] or 3mA. which is smaller.
Kapazitätstoleranz / Capacitance tolerance	+/- 20% (20°C, 120Hz)
Brauchbarkeitsdauer / Useful life	6000h bei / at 105°C
Ausfallrate / Field failure rate	0.5 FIT = 0.5 x 10 ⁻⁹ Ausfälle/Std. / Failures/hour
Ausfallsatz Failure rate	Weniger als 0.1% innerhalb der Brauchbarkeitsdauer Less than 0.1% within the useful life

► **Bauformen / Outline Drawing**



Form / **Shape**: T (D = 51mm)



Form / **Shape**: S (D = 41, 46mm)

► **Wechselstrommultiplikator / Ripple current multiplier**

Frequency [Hz]	120	300	1k	≥ 10k
multiplier	1.0	1.2	1.5	1.7

Forced cooling [m/sec]	v < 1.0	v ≥ 1.0
multiplier	1.0	1.3

Temperature [°C]	105	85	60
multiplier	1.0	1.63	2.00

► **Bestellbezeichnung / Product code**

Example: **US2 600V 391 M T C ()**

US2	600V	391	M	T	C	()
Type of series	Rated voltage code	Capacitance code	Capacitance tolerance	Terminal symbol code	Case code diameter	Case code length
	Code: 600V, Voltage: 600	The first two digits are significant. The last digit indicates the number of following zeros in μF.	M : ± 20%	S: 4-pin terminal T: T-Type terminal	Code: B, H, C; ØD: 41, 46, 51	Code: Ly, Length L: y

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Nennspannung Rated Voltage Code (Spitzenspannung) (Surge Voltage) [VDC]	Kapazität Capacitance [µF]	Max. Verlustfaktor Dissipation factor	Max. Wechselstrom Ripple Current bei / at 85°C/120Hz [A RMS]	DxL [mm]	Bestellbezeichnung Product code
600 600V (650)	120	0.25	0.92	41x45	US2600V121MSB
	180	0.25	1.12	41x55	US2600V181MSB
	220	0.25	1.26	41x64	US2600V221MSB
	220	0.25	1.30	46x51	US2600V221MSH
	270	0.25	1.46	46x61	US2600V271MSH
	270	0.25	1.54	51x51	US2600V271MTC
	330	0.25	1.60	46x70	US2600V331MSH
	390	0.25	1.87	51x61	US2600V391MTC
	470	0.25	2.28	51x70	US2600V471MTC

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