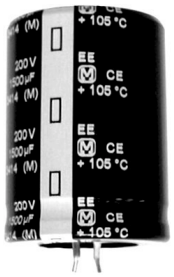
TS-EE Series *105°C, 3000 hours*

- ***Highest ripple current capability*** ***NEW SERIES***
- ***2 and 3 pin versions available***
- ***PET Sleeve Option***



Rated Working Voltage:	200 VDC
Operating Temperature:	-40 ~ +105°C
Nominal Capacitance:	300 ~ 1800µF
Capacitance Tolerance:	± 20%
Dissipation Factor:	15% maximum @ 120 Hz, +20°C
Leakage Current:	3√CV (µA) max. after 5 minutes; *C = Capacitance in µF, V = WV*
Endurance:	3000 hours at +105°C with maximum specified ripple current (see page 6)

Ripple Current Multipliers:

Frequency(Hz):	100~120	500	1k	10k
200WV:	1.0	1.2	1.25	1.4

Temperature (°C):	105°C	85°C	≤70°C
Multiplier:	1.0	1.42	1.6

*Use of temperature ripple current multipliers may limit life to the hours specified for the maximum operating temperature.

Part Number System

E	E	T	E	E	□	□	□	□	□	□
Common Code			Series Code		Voltage Code		Capacitance Code			

Sleeving Options: See Part Number listings

Diameter / Terminal Code			
# of pins:	2	2	3
pin length:	6.3	4.0mm	4.0mm
Diameter 22mm	B	H	P
25mm	C	J	Q
30mm	D	K	R
35mm	E	L	S

(Please see page 10 for details)

TS-EE Standard Ratings

(part numbers shown with 2 pins and 4mm length terminal)

Cap. (µF)	Size (mm) D x L	Max 105°C R.C. (A_{rms}) 120Hz	Max 105°C R.C. (A_{rms}) 10kHz~	20°C ESR (Ω, max.) 120Hz	20°C ESR (Ω, max.) 20kHz	Panasonic Part Number	Part Number Suffix Sleeving Options: PVC with Top Plate	PVC without Top Plate	PET without Top Plate
200 VDC Working, 250 VDC Surge									
300	22 x 25	1.70	2.38	0.829	0.592	**EETEE2D301H_**	A	(No suffix)	J
390	22 x 30	2.17	3.04	0.637	0.455	**EETEE2D391H_**	A	(No suffix)	J
590	22 x 40	2.30	3.22	0.421	0.300	**EETEE2D591H_**	A	(No suffix)	J
	25 x 30	2.30	3.22	0.421	0.300	**EETEE2D591J_**	A	(No suffix)	J
700	22 x 45	2.65	3.71	0.355	0.254	**EETEE2D701H_**	A	(No suffix)	J
	25 x 35	2.65	3.71	0.355	0.254	**EETEE2D701J_**	A	(No suffix)	J
590	30 x 25	3.08	4.31	0.421	0.300	**EETEE2D591K_**	A	(No suffix)	J
800	22 x 50	3.08	4.31	0.311	0.222	**EETEE2D801H_**	A	(No suffix)	J
	25 x 40	3.08	4.31	0.311	0.222	**EETEE2D801J_**	A	(No suffix)	J
	30 x 30	3.48	4.87	0.311	0.222	**EETEE2D801K_**	A	(No suffix)	J
	35 x 25	3.48	4.87	0.311	0.222	**EETEE2D801L_**	A	(No suffix)	J
1000	25 x 50	3.48	4.87	0.249	0.178	**EETEE2D102J_**	A	(No suffix)	J
	30 x 35	3.98	5.57	0.249	0.178	**EETEE2D102K_**	A	(No suffix)	J
	35 x 30	4.20	5.88	0.249	0.178	**EETEE2D102L_**	A	(No suffix)	J
1200	30 x 40	4.20	5.88	0.209	0.149	**EETEE2D122K_**	A	(No suffix)	J
1300	30 x 45	4.62	6.47	0.191	0.136	**EETEE2D132K_**	A	(No suffix)	J
1500	35 x 40	4.62	6.47	0.166	0.118	**EETEE2D152L_**	A	(No suffix)	J
	30 x 50	5.22	7.31	0.166	0.118	**EETEE2D152K_**	A	(No suffix)	J
1800	35 x 45	5.22	7.31	0.138	0.099	**EETEE2D182L_**	A	(No suffix)	J