Panasonic

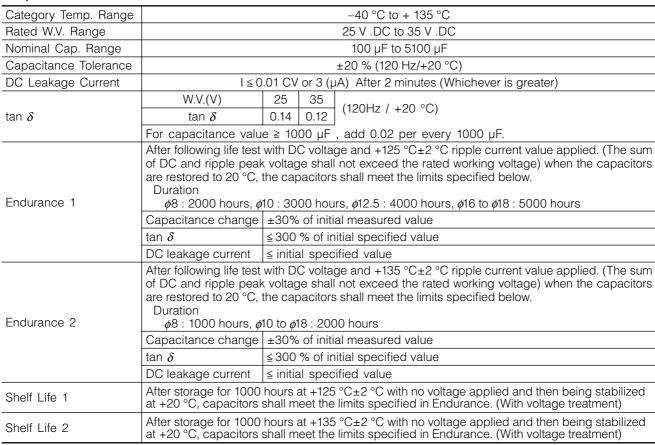
Radial Lead Type

Series: **TP** Type: **A**

■ Features

- Endurance: 125 °C 2000 h to 5000 h or 135 °C 1000 h to 2000 h
- Smaller than series TA
- High ripple current (at high frequency): 20 to 40% higher than TA series
- RoHS directive compliant

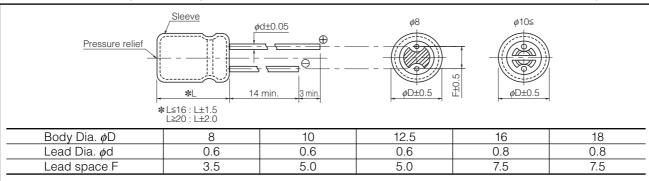


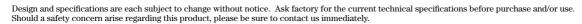


■ Frequency correction factor for ripple current

W.V.		on (.F\	Frequency (Hz)								
(V.DC)		ap. (µ	IF)	60	120	1 k	10 k	100 k				
		to	330	0.55	0.65	0.85	0.90	1.00				
25 to 35	390	to	1000	0.70	0.75	0.90	0.95	1.00				
	1200	to		0.75	0.80	0.90	0.95	1.00				

■ Dimensions in mm (not to scale)





(Unit: mm)

Panasonic

■ Standard Products

		Case size		Specification						Lead Length			Min. Pac		aging Q'ty
W.V.	Cap. (±20 %)			Ripple	Ripple	·				Load					99 4 17
		Dia.	Length	Current (100 kHz)		E.S.R (100 kHz) (+20 °C)	tan δ (120 kHz) (+20 °C)	125 °C Enduance	135 °C Enduance	Lead Dia.	Straight	Taning	Part No.	Straight Leads	Taping
(V)	(µF)	(mm)	(mm)	(mA r.m.s.)		(Ω)		(hours)	(hours)	(mm)	(mm)	(mm)	★ : Substandard (E24series numbers)	(pcs)	(pcs)
	220	10	12.5	580	500	0.190	0.14	3000	2000	0.6	5.0	5.0	EEUTP1E221()	200	500
	330	10	16	1100	945	0.130	0.14	3000	2000	0.6	5.0	5.0	EEUTP1E331()	200	500
	470	8	20	1060	760	0.067	0.14	2000	1000	0.6	3.5	5.0	EEUTP1E471L()	200	1000
		10	16	1100	945	0.130	0.14	3000	2000	0.6	5.0	5.0	EEUTP1E471()	200	500
	510	10	16	1100	945	0.130	0.14	3000	2000	0.6	5.0	5.0	EEUTP1E511()*	200	500
	820	10	20	1540	1100	0.052	0.14	3000	2000	0.6	5.0	5.0	EEUTP1E821()	200	500
	1000	12.5	20	1860	1490	0.038	0.14	4000	2000	0.6	5.0	5.0	EEUTP1E102()	200	500
	1200	12.5	20	1860	1490	0.038	0.14	4000	2000	0.6	5.0	5.0	EEUTP1E122()	200	500
	1800	12.5	25	2180	1750	0.030	0.14	4000	2000	0.6	5.0	5.0	EEUTP1E182()	200	500
		16	20	2380	1985	0.029	0.14	5000	2000	0.8	7.5	7.5	EEUTP1E182S()	100	250
25	2000	16	20	2380	1985	0.029	0.16	5000	2000	0.8	7.5	7.5	EEUTP1E202S()*	100	250
	0000	16	25	2760	2300	0.022	0.16	5000	2000	0.8	7.5	7.5	EEUTP1E222()	100	250
	2200	18	20	2700	2250	0.028	0.16	5000	2000	0.8	7.5	7.5	EEUTP1E222S()	100	250
		16	25	2760	2300	0.022	0.16	5000	2000	0.8	7.5	7.5	EEUTP1E272()	100	250
	2700	18	20	2700	2250	0.028	0.16	5000	2000	0.8	7.5	7.5	EEUTP1E272S()	100	250
		16	31.5	3250	2710	0.018	0.18	5000	2000	0.8	7.5		EEUTP1E332	100	
	3300	18	25	2960	2470	0.020	0.18	5000	2000	0.8	7.5	7.5	EEUTP1E332S()	100	250
	16	16	31.5	3250	2710	0.018	0.18	5000	2000	0.8	7.5		EEUTP1E392	100	
	3900 18	18	25	2960	2470	0.020	0.18	5000	2000	0.8	7.5	7.5	EEUTP1E392S()	100	250
	4700	18	31.5	3480	2900	0.016	0.20	5000	2000	0.8	7.5		EEUTP1E472	50	
	5100	18	31.5	3480	2900	0.016	0.22	5000	2000	0.8	7.5		EEUTP1E512*	50	
	100	10	12.5	580	500	0.190	0.12	3000	2000	0.6	5.0	5.0	EEUTP1V101()	200	500
	120	10	12.5	580	500	0.190	0.12	3000	2000	0.6	5.0	5.0	EEUTP1V121()	200	500
	220 -	8	20	1060	760	0.067	0.12	2000	1000	0.6	3.5	5.0	EEUTP1V221L()	200	1000
		10	16	1100	945	0.130	0.12	3000	2000	0.6	5.0	5.0	EEUTP1V221()	200	500
		8	20	1060	760	0.067	0.12	2000	1000	0.6	3.5	5.0	EEUTP1V271L()	200	1000
	270	10	16	1100	945	0.130	0.12	3000	2000	0.6	5.0	5.0	EEUTP1V271()	200	500
	330	10	20	1540	1100	0.052	0.12	3000	2000	0.6	5.0	5.0	EEUTP1V331()	200	500
	390	10	20	1540	1100				2000		5.0	5.0	EEUTP1V391()	200	500
35	470	12.5		1860	1490	0.038	0.12	4000	2000	0.6	5.0	5.0	EEUTP1V471()	200	500
	560	12.5		1860	1490	0.038	0.12	4000	2000	0.6	5.0	5.0	EEUTP1V561()	200	500
	620	12.5		1860	1490	0.038	0.12	4000	2000	0.6	5.0	5.0	EEUTP1V621()*	200	500
	820	12.5		2180	1750	0.030	0.12	4000	2000	0.6	5.0	5.0	EEUTP1V821()	200	500
	1000	16	20	2380	1985	0.029	0.12	5000	2000	0.8	7.5	7.5	EEUTP1V102()	100	250
	1200	16	20	2380	1985	0.029	0.12	5000	2000	0.8	7.5	7.5	EEUTP1V122()	100	250
	1500	16	25	2760	2300	0.022	0.12	5000	2000	0.8	7.5	7.5	EEUTP1V152()	100	250
		18	20	2700	2250	0.028	0.12	5000	2000	0.8	7.5	7.5	EEUTP1V152S()	100	250
	1600	16	25	2760	2300	0.022	0.12	5000	2000	0.8	7.5	7.5	EEUTP1V162()*	100	250
		16	31.5	3250	2710	0.018	0.12	5000	2000	0.8	7.5		EEUTP1V182	100	
	1800	18	25	2960	2470	0.020	0.12	5000	2000	0.8	7.5	7.5	EEUTP1V182S()	100	250
	2000	16	31.5	3250	2710	0.018	0.14	5000	2000	0.8	7.5		EEUTP1V202*	100	
		18	25	2960	2470	0.020	0.14	5000	2000	0.8	7.5	7.5	EEUTP1V202S()*	100	250
	2200	18	31.5	3480	2900	0.016	0.14	5000	2000	0.8	7.5		EEUTP1V222	50	
	2700	18	31.5	3480	2900	0.016	0.14	5000	2000	0.8	7.5		EEUTP1V272	50	\vdash
	,			55				1 - 5 5 5							

[·] When requesting taped product, please put the letter "B" between the "()". Lead wire pitch B=5 mm, 7.5 mm. · Please refer to the page of "Taping Dimensions".