

●高纹波电流・长寿命品 (105°C)

UTWBX 系列

JIS C5101
CE-04

(不适用于机板洗净)

■特 征

- 适用于电子整流器、电源输入端滤波用
- 105 °C 10000小时寿命。

●HIGH RIPPLE CURRENT & LONG LIFE TYPE (105°C)

TYPE UTWBX

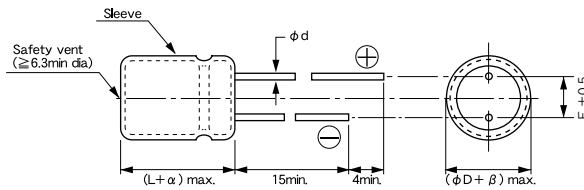
JIS C5101
CE-04

(Unsuitable washing product)

■FEATURES

- For Electronic Ballast, Power Supply etc.
- This product is the guaranteed service life of 10,000 hours at 105°C.

■寸法图/DIAGRAM OF DIMENSIONS



Unit : mm

ϕD	10	12.5	16	18
ϕd	0.6	0.6	0.8	0.8
F	5.0	5.0	7.5	7.5
α	$L < 20 : \alpha = 1.5, L \geq 20 : \alpha = 2$			
β	0.5	1.0	1.0	1.0

■性 能/PERFORMANCE SPECIFICATIONS

工 作 温 度 范 围	CATEGORY TEMPERATURE RANGE	200~400V:-40°C~+105°C, 450V:-25°C~+105°C			
静 电 容 量 容 许 误 差	STANDARD CAPACITANCE TOLERANCE	-20%~+20% (20°C, 120Hz)			
漏 电 流 (最 大 值)	LEAKAGE CURRENT (MAX. VALUE)	$I = 0.02CV$ OR $10 \mu A$ WHICHEVER IS THE GREATER (after 2 minutes) I: IEAKAGE CURRENT (μA). C: RATED CAPACITANCE (μF), V: RATED VOLTAGE (V)			
损 失 角 正 切 值 (最 大 值)	DISSIPATION FACTOR (MAX. VALUE) ($\tan \delta$)	W.V	200~250V	400~450V	(20°C, 120Hz)
		$\tan \delta$	0.20	0.25	
耐 久 性	ENDURANCE	After applying rated voltage with rated ripple current for 10,000 hrs ($\phi 10$: 8,000 hrs) at 105°C, the capacitors shall meet the following requirements.			
		Capacitance Change	Within $\pm 20\%$ of the initial value		
		Dissipation Factor	Less than 200% of the initial specified value		
		Leakage Current	Less than the initial specified value		
低 温 特 性 阻 抗 比 最 大 值 (120Hz)	LOW TEMPERATURE STABILITY (RATIO OF IMPEDANCE AT COLD TO THAT AT 20°C, 120Hz. MAX.VALUE)	阻抗比 / Impedance ratio (at 120Hz)			
		W.V	200	250	400
		Z(-25°C)/Z(+20°C)	3	3	6
其他特性参照 JIS C5101-4 标准	THE OTHER CHARACTERISTICS	The other characteristics are based on JIS C 5101-4.			

■额定纹波电流修正系数

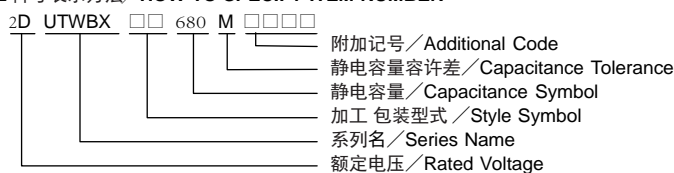
纹波频率与标准品一览表中的频率不同时，请参考下表中的修正系数。

When the ripple frequency differs from the specification shown in the list of standard products, multiply the value with the coefficient shown below, and use the products under the obtained value.

频率修正系数/FREQUENCY CORRECTION FACTOR

	Frequency (Hz)					
	50	120	300	1k	10k	100k
Frequency Coefficient	0.60	1.00	1.20	1.60	1.80	2.00

■料号表示方法/ HOW TO SPECIFY ITEM NUMBER



■寸法表/CASE SIZE TABLE

■Ripple Current [Max.Value mA] at 105°C 120Hz

(mm)

W.V (vdc)	Cap (μF)	(μF) ΦD×L (mm)	Ripple	料号
200	22	10 x 20	200	2DUTWBX□□220M0G20
	27	10 x 16	245	2DUTWBX□□270M0G16
	33	10 x 20	260	2DUTWBX□□330M0G20
	39	10 x 20	320	2DUTWBX□□390M0G20
	47	12.5 x 20	390	2DUTWBX□□470M0H20
	56	10 x 25	410	2DUTWBX□□560M0G25
	68	10 x 30	470	2DUTWBX□□680M0G30
	68	12.5 x 20	470	2DUTWBX□□680M0H20
	82	10 x 35	540	2DUTWBX□□820M0G35
	82	12.5 x 25	540	2DUTWBX□□820M0H25
	82	16 x 20	550	2DUTWBX□□820M0K20
	100	10 x 40	620	2DUTWBX□□101M0G40
	100	16 x 20	630	2DUTWBX□□101M0K20
	120	10 x 45	710	2DUTWBX□□121M0G45
	120	12.5 x 30	700	2DUTWBX□□121M0H30
	120	16 x 20	690	2DUTWBX□□121M0K20
	150	12.5 x 35	840	2DUTWBX□□151M0H35
	150	16 x 25	840	2DUTWBX□□151M0K25
	150	18 x 20	830	2DUTWBX□□151M0M20
	250	180	12.5 x 40	950
220		12.5 x 50	1090	2DUTWBX□□221M0H50
220		16 x 31.5	1080	2DUTWBX□□221M0K30
220		18 x 25	1050	2DUTWBX□□221M0M25
220		18 x 31.5	1050	2DUTWBX□□221M0M30
270		16 x 35.5	1250	2DUTWBX□□271M0K35
270		18 x 31.5	1230	2DUTWBX□□271M0M30
330		18 x 35.5	1430	2DUTWBX□□331M0M35
390		18 x 40	1600	2DUTWBX□□391M0M40
22		10 x 16	140	2EUTWBX□□220M0G16
22		10 x 20	200	2EUTWBX□□220M0G20
27		10 x 20	220	2EUTWBX□□270M0G20
33		12.5 x 20	320	2EUTWBX□□330M0H20
39		10 x 25	300	2EUTWBX□□390M0G25
47		10 x 30	350	2EUTWBX□□470M0G30
47		12.5 x 20	390	2EUTWBX□□470M0H20
56		10 x 35	420	2EUTWBX□□560M0G35
68		10 x 40	480	2EUTWBX□□680M0G40
68		12.5 x 25	470	2EUTWBX□□680M0H25
68		16 x 20	520	2EUTWBX□□680M0K20
82	10 x 45	510	2EUTWBX□□820M0G45	
82	12.5 x 30	510	2EUTWBX□□820M0H30	
82	16 x 20	550	2EUTWBX□□820M0K20	
100	12.5 x 35	680	2EUTWBX□□101M0H35	
100	16 x 25	600	2EUTWBX□□101M0K25	
100	18 x 20	650	2EUTWBX□□101M0M20	
120	12.5 x 40	730	2EUTWBX□□121M0H40	
120	16 x 25	720	2EUTWBX□□121M0K25	
150	12.5 x 50	860	2EUTWBX□□151M0H50	
150	16 x 31.5	860	2EUTWBX□□151M0K30	
150	18 x 25	860	2EUTWBX□□151M0M25	
180	16 x 35.5	1000	2EUTWBX□□181M0K35	
180	18 x 31.5	950	2EUTWBX□□181M0M30	
220	18 x 35.5	1130	2EUTWBX□□221M0M35	
270	18 x 40	1350	2EUTWBX□□271M0M40	
400	10	10 x 16	110	2GUTWBX□□100M0G16
	10	10 x 20	140	2GUTWBX□□100M0G20
	15	10 x 20	150	2GUTWBX□□150M0G20
	15	12.5 x 20	220	2GUTWBX□□150M0H20
	18	10 x 25	170	2GUTWBX□□180M0G25
	22	10 x 30	200	2GUTWBX□□220M0G30
	22	12.5 x 20	260	2GUTWBX□□220M0H20
27	10 x 35	250	2GUTWBX□□270M0G35	

W.V (vdc)	Cap (μF)	(μF) ΦD×L (mm)	Ripple	料号
200	27	12.5 x 20	240	2GUTWBX□□270M0H20
	33	10 x 40	300	2GUTWBX□□330M0G40
	33	12.5 x 25	290	2GUTWBX□□330M0H25
	33	16 x 20	360	2GUTWBX□□330M0K20
	39	10 x 45	340	2GUTWBX□□390M0G45
	39	12.5 x 30	330	2GUTWBX□□390M0H30
	39	16 x 20	330	2GUTWBX□□390M0K20
	47	10 x 50	390	2GUTWBX□□470M0G50
	47	12.5 x 35	400	2GUTWBX□□470M0H35
	47	16 x 25	470	2GUTWBX□□470M0K25
	47	18 x 20	450	2GUTWBX□□470M0M20
	56	12.5 x 40	500	2GUTWBX□□560M0H40
	56	16 x 25	470	2GUTWBX□□560M0K25
	56	18 x 20	450	2GUTWBX□□560M0M20
	68	12.5 x 45	560	2GUTWBX□□680M0H45
	68	16 x 31.5	540	2GUTWBX□□680M0K30
	68	18 x 25	585	2GUTWBX□□680M0M25
	82	12.5 x 50	630	2GUTWBX□□820M0H50
	82	18 x 25	585	2GUTWBX□□820M0M25
	82	18 x 31.5	610	2GUTWBX□□820M0M30
100	16 x 35.5	760	2GUTWBX□□101M0K35	
100	18 x 31.5	765	2GUTWBX□□101M0M30	
120	18 x 31.5	765	2GUTWBX□□121M0M30	
120	18 x 35.5	865	2GUTWBX□□121M0M35	
150	18 x 40	950	2GUTWBX□□151M0M40	
250	6.8	10 x 16	90	2WUTWBX□□6R8M0G16
	6.8	10 x 20	110	2WUTWBX□□6R8M0G20
	10	12.5 x 20	180	2WUTWBX□□100M0H20
	12	10 x 20	130	2WUTWBX□□120M0G20
	15	10 x 25	150	2WUTWBX□□150M0G25
	15	12.5 x 25	240	2WUTWBX□□150M0H25
	18	10 x 30	190	2WUTWBX□□180M0G30
	22	10 x 35	230	2WUTWBX□□220M0G35
	22	12.5 x 20	230	2WUTWBX□□220M0H20
	22	16 x 20	290	2WUTWBX□□220M0K20
	27	10 x 40	280	2WUTWBX□□270M0G40
	27	12.5 x 25	270	2WUTWBX□□270M0H25
	33	10 x 45	320	2WUTWBX□□330M0G45
	33	12.5 x 30	320	2WUTWBX□□330M0H30
	33	16 x 20	310	2WUTWBX□□330M0K20
	33	16 x 25	390	2WUTWBX□□330M0K25
	33	18 x 20	380	2WUTWBX□□330M0M20
	39	10 x 50	370	2WUTWBX□□390M0G50
	39	12.5 x 35	370	2WUTWBX□□390M0H35
	47	12.5 x 40	400	2WUTWBX□□470M0H40
47	16 x 25	390	2WUTWBX□□470M0K25	
47	18 x 20	380	2WUTWBX□□470M0M20	
47	18 x 25	480	2WUTWBX□□470M0M25	
56	12.5 x 45	500	2WUTWBX□□560M0H45	
56	16 x 31.5	500	2WUTWBX□□560M0K30	
68	12.5 x 50	600	2WUTWBX□□680M0H50	
68	16 x 35.5	600	2WUTWBX□□680M0K35	
68	18 x 25	480	2WUTWBX□□680M0M25	
68	18 x 31.5	630	2WUTWBX□□680M0M30	
82	18 x 31.5	650	2WUTWBX□□820M0M30	
82	18 x 35.5	715	2WUTWBX□□820M0M35	
100	18 x 35.5	715	2WUTWBX□□101M0M35	
100	18 x 40	800	2WUTWBX□□101M0M40	
120	18 x 40	880	2WUTWBX□□121M0M40	

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