●高纹波电流．长寿命品（105℃）

UTWBX-A 系列 JIS C5101 CE-04

（不适用于机板洗净）

■特长

· 用于电子整流器、电源输入端滤波用
· 105℃ 12000小时寿命。

●HIGH RIPPLE CURRENT & LONG LIFE TYPE（105℃）

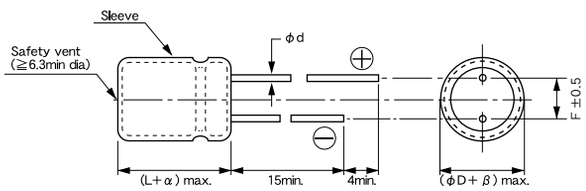
TYPE UTWBX-A JIS C5101 CE-04

(Unsuitable washing product)

■FEATURES

· For Electronic Ballast, Power Supply etc.
· This product is the guaranteed service life of 12,000 hours at105℃.

■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	7.5	7.5
α	L＜20： α=1.5, L≧20： α=2			
β	0.5	1.0	1.0	1.0

■性 能/PERFORMANCE SPECIFICATIONS

工作温度范围	CATEGORY TEMPERATURE RANGE	160～400V： -40℃～+105℃, 420～450V： -25℃ ～ +105℃
静电容量容许误差	STANDARD CAPACITANCE TOLERANCE	-20 ～ +20% (20℃, 120Hz)
漏电流（最大值）	LEAKAGE CURRENT （MAX. VALUE）	I=0.02CV or 10μA Whichever is the greater (After 2 minutes) I: leakage Current(μA), C:Rated Capacitance(μF), V: Rated Voltage(V)
损失角正切值（最大值）（tan δ)	DISSIPATION FACTOR （MAX.VALUE）（tan δ）	W.V 160～250V 350～450V tan δ 0.20 0.25 （20℃, 120Hz）
耐久性	ENDURANCE	After applying rated voltage for 12,000 hrs (≦20L 10,000hrs) at 105℃, the capacitors shall meet the following requirements. Capacitance Change: Within ±20% of the initial value Dissipation Factor: Less than 200% of the initial specified value Leakage Cureent: 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℃, 120Hz. MAX.VALUE.⟩	阻抗比 / Impedance ratio (at 120Hz) W.V 200 250 350 400 400 Z(-25℃)/Z(+20℃) 3 3 5 5 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.

■额定纹波电流补正系数

纹波频率与标准品一览表中的频率不同时，请参考下表中的补正系数。

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

频率补正系数/ FREQUENCY CORRECTION FACTOR

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

■料号表示方法／HOW TO SPECIFY ITEM NUMBER

2D UTWBX □□ 680 M AG30

- AG30 附加记号／Additional Code
- M 静电容量容许差／Capacitance Tolerance
- 680 静电容量／Capacitance Symbol
- □□ 加工 包装型式 ／Style Symbol
- UTWBX 系列名／Series Name
- 2D 额定电压／Rated Voltage

■寸法表 / **CASE SIZE TABLE**

W.V. (VDC)	Cap. (μF)	φD×L (mm)	Ripple (mA)	料号
200	27	10×16	195	2DUTWBX □□ 270MAG16
	39	10×20	250	2DUTWBX □□ 390MAG20
	56	10×25	330	2DUTWBX □□ 560MAG25
	68	10×30	390	2DUTWBX □□ 680MAG30
	68	12.5×20	385	2DUTWBX □□ 680MAH20
	100	10×35	500	2DUTWBX □□ 101MAG35
	100	12.5×25	550	2DUTWBX □□ 101MAH25
	120	10×40	570	2DUTWBX □□ 121MAG40
	120	10×45	590	2DUTWBX □□ 121MAG45
	120	12.5×30	600	2DUTWBX □□ 121MAH30
	120	16×20	610	2DUTWBX □□ 121MAK20
	150	10×50	690	2DUTWBX □□ 151MAG50
	150	12.5×35	700	2DUTWBX □□ 151MAH30
	180	12.5×40	800	2DUTWBX □□ 181MAH40
	180	16×25	820	2DUTWBX □□ 181MAK25
	180	18×20	820	2DUTWBX □□ 181MAM20
	220	12.5×45	1000	2DUTWBX □□ 221MAG45
	220	16×31.5	950	2DUTWBX □□ 221MAK30
	220	18×25	950	2DUTWBX □□ 221MAM25
	270	16×35.5	1100	2DUTWBX □□ 271MAK35
	330	16×40	1300	2DUTWBX □□ 331MAK40
	330	18×31.5	1300	2DUTWBX □□ 331MAM30
	390	16×45	1400	2DUTWBX □□ 391MAK45
	390	18×35.5	1400	2DUTWBX □□ 391MAM35
	470	16×50	1600	2DUTWBX □□ 471MAK50
	470	18×40	1600	2DUTWBX □□ 471MAM40
	560	18×50	1750	2DUTWBX □□ 561MAM50
250	22	10×16	185	2EUTWBX □□ 220MAG16
	33	10×20	240	2EUTWBX □□ 330MAG20
	47	10×25	315	2EUTWBX □□ 470MAG25
	56	12.5×20	430	2EUTWBX □□ 560MAH20
	68	10×35	430	2EUTWBX □□ 680MAG35
	82	10×40	495	2EUTWBX □□ 820MAG40
	82	12.5×25	500	2EUTWBX □□ 820MAH25
	82	16×20	600	2EUTWBX □□ 820MAK20
	100	10×50	585	2EUTWBX □□ 101MAG50
	100	12.5×35	600	2EUTWBX □□ 101MAH35
	120	12.5×40	700	2EUTWBX □□ 121MAH40
	120	16×25	755	2EUTWBX □□ 121MAK25
	120	18×20	730	2EUTWBX □□ 121MAM20
	150	12.5×45	900	2EUTWBX □□ 151MAH45
	150	16×31.5	900	2EUTWBX □□ 151MAK30
	180	12.5×50	1000	2EUTWBX □□ 181MAH50
	180	18×25	900	2EUTWBX □□ 181MAM25
	220	16×35.5	1050	2EUTWBX □□ 221MAK35
	220	18×31.5	1100	2EUTWBX □□ 221MAM30
	270	16×45	1310	2EUTWBX □□ 271MAK45
	270	18×35.5	1300	2EUTWBX □□ 271MAM35
	330	16×50	1475	2EUTWBX □□ 331MAK50
	330	18×40	1460	2EUTWBX □□ 331MAM40
	390	18×50	1600	2EUTWBX □□ 391MAM50

■**Ripple Current [Max.Value mA] at** 105℃ 120 **Hz**

W.V. (VDC)	Cap. (μF)	φD×L (mm)	Ripple (mA)	料号
400	10	10×16	125	2GUTWBX □□ 100MAG16
	15	10×20	170	2GUTWBX □□ 150MAG20
	22	10×25	215	2GUTWBX □□ 220MAG25
	27	10×30	255	2GUTWBX □□ 270MAG30
	27	12.5×20	280	2GUTWBX □□ 270MAH20
	33	10×35	300	2GUTWBX □□ 330MAG35
	39	10×40	340	2GUTWBX □□ 390MAG40
	39	12.5×25	350	2GUTWBX □□ 390MAH25
	47	12.5×30	455	2GUTWBX □□ 470MAH30
	47	16×20	435	2GUTWBX □□ 470MAK20
	56	10×50	440	2GUTWBX □□ 560MAG50
	56	12.5×35	480	2GUTWBX □□ 560MAH35
	56	18×20	480	2GUTWBX □□ 560MAM20
	68	12.5×40	600	2GUTWBX □□ 680MAH40
	68	16×25	570	2GUTWBX □□ 680MAK25
	82	12.5×45	680	2GUTWBX □□ 820MAH45
	82	16×31.5	670	2GUTWBX □□ 820MAK30
	82	18×25	640	2GUTWBX □□ 820MAM25
	100	16×35.5	760	2GUTWBX □□ 101MAK35
	120	16×40	860	2GUTWBX □□ 121MAK40
	120	18×31.5	840	2GUTWBX □□ 121MAM30
	150	16×50	990	2GUTWBX □□ 151MAK50
	150	18×40	985	2GUTWBX □□ 151MAM40
	180	18×45	1090	2GUTWBX □□ 181MAM45
	220	18×50	1200	2GUTWBX □□ 221MAM50
450	6.8	10×16	105	2WUTWBX □□ 6R8MAG16
	12	10×20	150	2WUTWBX □□ 120MAG20
	15	10×25	185	2WUTWBX □□ 150MAG25
	18	10×30	215	2WUTWBX □□ 180MAG30
	22	10×35	250	2WUTWBX □□ 220MAG35
	22	12.5×20	230	2WUTWBX □□ 220MAH20
	27	10×40	290	2WUTWBX □□ 270MAG40
	27	12.5×25	300	2WUTWBX □□ 270MAH25
	33	10×45	320	2WUTWBX □□ 330MAG45
	33	12.5×30	320	2WUTWBX □□ 330MAH30
	33	16×20	320	2WUTWBX □□ 330MAK20
	39	10×50	375	2WUTWBX □□ 390MAG50
	39	12.5×35	400	2WUTWBX □□ 390MAH35
	47	12.5×40	525	2WUTWBX □□ 470MAH40
	47	16×25	500	2WUTWBX □□ 470MAK25
	47	18×20	380	2WUTWBX □□ 470MAM20
	56	12.5×45	590	2WUTWBX □□ 560MAH45
	56	16×31.5	585	2WUTWBX □□ 560MAK30
	68	12.5×50	670	2WUTWBX □□ 680MAH50
	68	16×35.5	660	2WUTWBX □□ 680MAK35
	68	18×25	480	2WUTWBX □□ 680MAM25
	82	16×40	750	2WUTWBX □□ 820MAK40
	82	18×31.5	730	2WUTWBX □□ 820MAM30
	100	16×50	855	2WUTWBX □□ 101MAK50
	100	18×35.5	835	2WUTWBX □□ 101MAM35
	120	18×40	930	2WUTWBX □□ 121MAM40
	150	18×50	1050	2WUTWBX □□ 151MAM50

· 上表以外的产品也可以定制，请与敝社联系。
Produce custom product too, which are not found in these table.