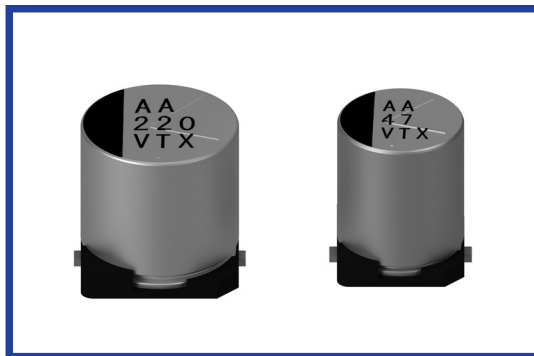


TXV 系列  
SERIES

125°C 1000~2000小时、低ESR品

Load Life : 125°C 1000~2000 hours Low ESR

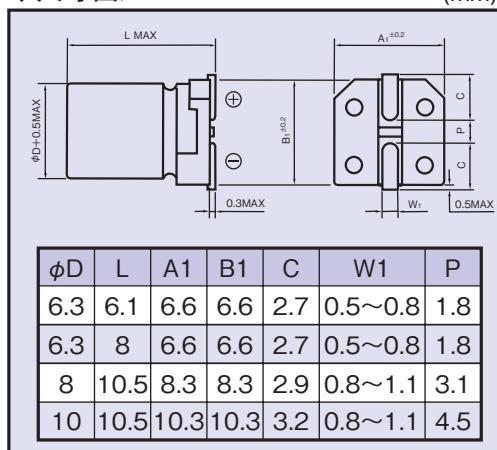
·可对应AEC-Q200。  
AEC-Q200.



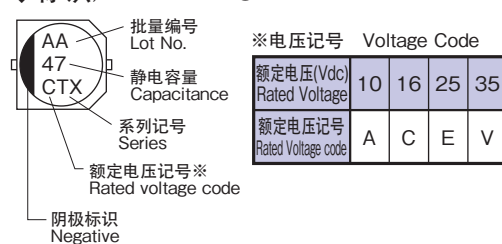
规格表 / SPECIFICATIONS

项目 Items	特性 Characteristics					
工作温度范围 Category Temperature Range	-40~+125°C					
额定电压范围 Rated Voltage Range	10~35Vdc					
静电容量允许差 Capacitance Tolerance	±20% (20°C, 120Hz)					
漏电流 Leakage Current(MAX)	小于 $I=0.01CV$ 和 $3\mu A$ 中的较大值 (施加额定电压2分钟后) $I=0.01CV$ or $3\mu A$ whichever is greater. (After 2 minutes application of rated voltage) $I$ =漏电流( $\mu A$ ) $C$ =静电容量( $\mu F$ ) $V$ =额定电压(Vdc) Leakage Current      Capacitance      Rated Voltage					
损失角正切值 (tan $\delta$ ) Dissipation Factor(MAX)	额定电压(Vdc) Rated Voltage	10	16	25	35	(20°C, 120Hz)
	tan $\delta$	0.3	0.2	0.18	0.16	
耐久性 Endurance	在125°C环境中, 不超过额定电压的范围内叠加额定纹波电流, 连续加载右表时间后, 满足以下各项要求。 After applying rated voltage with rated ripple current for specified time at 125°C, the capacitors shall meet the following requirements.					
	静电容量变化率 Capacitance Change	初期值的±30%以内 Within ±30% of the initial value.			铝壳尺寸 Case Size	时间(hrs) LifeTime
	损失角正切值 Dissipation Factor	规格值的300%以下 Not more than 300% of the specified value.			$\phi D=6.3$	1000
	漏电流 Leakage Current	规格值以下 Not more than the specified value.			$\phi D \geq 8$	2000
低温特性 Low Temperature Stability (阻抗比) Impedance Ratio(MAX)	额定电压(Vdc) Rated Voltage	10	16	25	35	(120Hz)
	Z(-40°C)/Z(20°C)	6	4	4	3	

尺寸图 / DIMENSIONS (mm)



标识 / MARKING



纹波电流补正系数 / MULTIPLIER FOR RIPPLE CURRENT

频率(Hz) Frequency	120	1k	10k	100k≤
22~33 $\mu F$	0.45	0.75	0.90	1.00
47~100 $\mu F$	0.50	0.80	0.95	1.00
220~470 $\mu F$	0.60	0.85	0.95	1.00

标准品一览表 / STANDARD SIZE

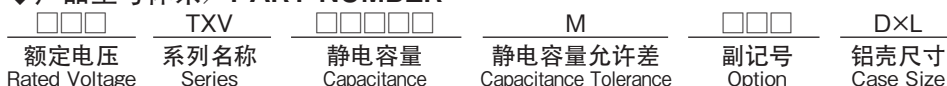
Size  $\phi D \times L$ (mm), Rated Ripple Current (mA r.m.s./125°C, 100kHz), ESR( $\Omega$  MAX/100kHz)

Vdc	Cap ( $\mu F$ )	Size ( $\phi D \times L$ )	Ripple	ESR	
				20°C	-40°C
10	100	6.3x8	140	0.3	5
	220	6.3x8	110	0.7	11
	470	10x10.5	300	0.2	3
16	47	6.3x6.1	70	1	15
		6.3x8	140	0.3	5

Vdc	Cap ( $\mu F$ )	Size ( $\phi D \times L$ )	Ripple	ESR	
				20°C	-40°C
25	33	6.3x6.1	70	1	15
	47	6.3x8	140	0.3	5
	100	6.3x8	110	0.7	11
		8x10.5	300	0.16	2.5
	220	8x10.5	220	0.3	4.5
		10x10.5	420	0.1	1.5
330	10x10.5	300	0.2	3	

Vdc	Cap ( $\mu F$ )	Size ( $\phi D \times L$ )	Ripple	ESR	
				20°C	-40°C
35	22	6.3x6.1	70	1	15
	33	6.3x8	140	0.3	5
	47	6.3x8	110	0.7	11
		8x10.5	300	0.16	2.5
	100	8x10.5	220	0.3	4.5
		10x10.5	420	0.1	1.5
220	10x10.5	300	0.2	3	

产品型号体系 / PART NUMBER



单击下面可查看定价，库存，交付和生命周期等信息

[>>Rubycon\(红宝石\)](#)