Radial Lead



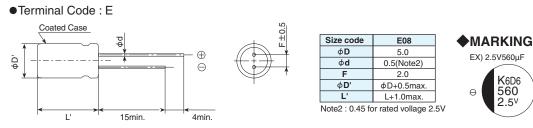
♦SPECIFICATIONS

Items	Characteristics					
Category Temperature Range	-55 to +105℃					
Rated Voltage Range	2.5 to 6.3 V _{dc}					
Capacitance Tolerance	±20% (M) (at 20°C, 120Hz)					
Surge Voltage	Rated voltage(V)×1.15 (at 105°C)					
Leakage Current*Note	500µA max. (at 20°C after 2 minutes)					
Dissipation Factor (tan δ)	0.10 max. (at 20°C, 120Hz)					
Low Temperature Characteristics (Max.Impedance Ratio)	$Z(-25^{\circ}C)/Z(+20^{\circ}C) ≤ 1.15$ $Z(-55^{\circ}C)/Z(+20^{\circ}C) ≤ 1.25$ (at 100kHz)					
Endurance	The following specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage is applied for 20,000 hours at 105°C.					
	Appearance	No significant damage				
	Capacitance change	$\leq \pm 20\%$ of the initial value				
	D.F. (tan δ)	\leq 150% of the initial specified value				
	ESR	\leq 150% of the initial specified value				
	Leakage current	≦The initial specified value				
Bias Humidity Test	The following specifications shall be satisfied when the capacitors are restored to 20°C after subjecting them to DC voltage at 60°C, 90 to 95% RH for 1,000 hours.					
	Appearance	No significant damage				
	Capacitance change	$\leq \pm 20\%$ of the initial value				
	D.F. (tan δ)	≦The initial specified value				
	ESR	≦The initial specified value				
	Leakage current	≦The initial specified value				
Surge Voltage Test	The capacitors shall be subjected to 1,000 cycles each consisting of charge with the surge voltage specified at 105 °C for 30 seconds through a protective resistor($R=1k\Omega$) and discharge for 5 minutes 30 seconds.					
	Appearance	No significant damage				
	Capacitance change	$\leq \pm 20\%$ of the initial value				
	D.F. (tan δ)	≦The initial specified value				
	ESR	≦The initial specified value				
	Leakage current	≦The initial specified value				
Failure Rate	0.5% per 1,000 hours maximum (Confidence level 60% at 105°C)					

*Note : If any doubt arises, measure the leakage current after the following voltage treatment.

Voltage treatment : DC rated voltage is applied to the capacitors for 120 minutes at 105°C.

DIMENSIONS [mm]



EX) 2.5V560µF

θ

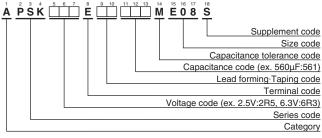
K6D6

 \oplus

560 2.5^v



◆PART NUMBERING SYSTEM



Please refer to "Product code guide (conductive polymer type)"

♦STANDARD RATINGS

WV (Vdc)	Cap (µF)	Case size φ D×L (mm)	ESR (mΩ max./20℃, 100k to 300kHz)	Rated ripple current (mArms/105℃, 100kHz)	Part No.
2.5	220	5×8	7	4,350	APSK2R5E 221ME08S
	330	5×8	7	4,350	APSK2R5E 331ME08S
	470	5×8	7	4,350	APSK2R5E 471ME08S
	560	5×8	7	4,350	APSK2R5E 561ME08S
4	330	5×8	8	4,050	APSK4R0E 331ME08S
6.3	270	5×8	10	3,700	APSK6R3E 271ME08S
	330	5×8	8	4,050	APSK6R3E 331ME08S

 $\Box\,\Box$: Enter the appropriate lead forming or taping code.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

United Chemi-Con (UCC): APSK2R5ELL221ME08S APSK2R5ELL331ME08S APSK2R5ELL471ME08S APSK2R5ELL561ME08S