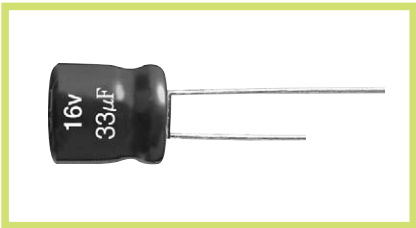
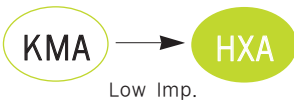


HXA Series

• 105°C 1,000Hrs assured.

- Low Impedance
- Height 7mm.
- For CAR-Audio
- RoHS compliant.
- Halogen-free capacitors are also available.

Solvent-proof



SPECIFICATIONS

Item	Characteristics																				
Rated Voltage Range	6.3 ~ 35 V _{DC}																				
Operating Temperature Range	-55 ~ +105°C																				
Capacitance Tolerance	±20%(M) (at 20°C, 120Hz)																				
Leakage Current	I=0.01CV(μA) or 3μA, whichever is greater. Where, I:Max. Leakage current(μA), C:Nominal capacitance(μF), V:Rated voltage(V _{DC}) (at 20°C, 2 minutes)																				
Dissipation Factor(Tanδ)	<table border="1"><tr><td>Rated voltage(V_{DC})</td><td>6.3</td><td>10</td><td>16</td><td>25</td><td>35</td></tr><tr><td>Tanδ(Max.)</td><td>0.18</td><td>0.16</td><td>0.14</td><td>0.12</td><td>0.12</td></tr></table> (at 20°C, 120Hz)						Rated voltage(V _{DC})	6.3	10	16	25	35	Tanδ(Max.)	0.18	0.16	0.14	0.12	0.12			
							Rated voltage(V _{DC})	6.3	10	16	25	35									
Tanδ(Max.)	0.18	0.16	0.14	0.12	0.12																
Temperature Characteristics (Max. Impedance ratio)	<table border="1"><tr><td>Rated voltage(V_{DC})</td><td>6.3</td><td>10</td><td>16</td><td>25~35</td></tr><tr><td>Z(-25°C)/Z(20°C)</td><td>2</td><td>2</td><td>2</td><td>2</td></tr><tr><td>Z(-40°C)/Z(20°C)</td><td>6</td><td>4</td><td>3</td><td>3</td></tr></table> (at 120Hz)						Rated voltage(V _{DC})	6.3	10	16	25~35	Z(-25°C)/Z(20°C)	2	2	2	2	Z(-40°C)/Z(20°C)	6	4	3	3
							Rated voltage(V _{DC})	6.3	10	16	25~35										
							Z(-25°C)/Z(20°C)	2	2	2	2										
Z(-40°C)/Z(20°C)	6	4	3	3																	
Load Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage is applied for 1,000 hours at 105°C. Capacitance change ≤ ±25% of the initial value Tanδ ≤ 200% of the initial specified value Leakage current ≤ The initial specified value																				
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 500 hours at 105°C without voltage applied. The rated voltage shall be applied to the capacitors for a minimum of 30 minutes, at least 24 hours and not more than 48 hours before the measurement. Capacitance change ≤ ±25% of the initial value Tanδ ≤ 200% of the initial specified value Leakage current ≤ The initial specified value																				
Others	Satisfied characteristics W of KS C 6421																				

RATINGS OF HXA Series

μF \ V _{DC}	6.3(0J)	10(1A)	16(1C)	25(1E)	35(1V)
6.8					4×7 3.3 70
10				4×7 3.3 70	5×7 1.7 110
15			4×7 3.3 70	5×7 1.7 110	6.3×7 0.8 160
22		4×7 3.3 70	5×7 1.7 110	5×7 1.7 110	6.3×7 0.8 160
33	5×7 1.7 110	5×7 1.7 110	6.3×7 0.8 160	6.3×7 0.8 160	
47	5×7 1.7 110	6.3×7 0.8 160	6.3×7 0.8 160		
68	6.3×7 0.8 160	6.3×7 0.8 160			
100	6.3×7 0.8 160				

↑ Rated Ripple Current (mA rms/ 105°C, 100kHz)
↑ Impedance (Ω max./ 20°C, 100kHz)
↑ Case Size ØD×L(mm)

DIMENSIONS OF HXA Series

Unit (mm)

Marking : DARK BROWN SLEEVE, SILVER INK

Ø D	4	5	6.3
Ø d	0.45		
F	1.5	2.0	2.5
Ø D'	Ø D + 0.5 max.		
L'	L + 1.0 max.		