

ARI Series

- Suitable for small and low profile product such as the car audio and electronics
- Non solvent resistant type
- RoHS2 Compliant

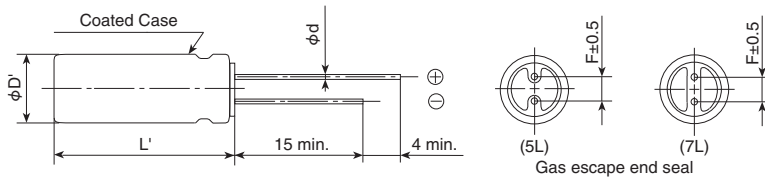


SPECIFICATIONS

Items	Characteristics							
Category	-40 to +85°C							
Temperature Range	-40 to +85°C							
Rated Voltage Range	6.3 to 50V _{dc}							
Capacitance Tolerance	±20% (M) (at 20°C, 120Hz)							
Leakage Current	I=0.01CV or 3μA, whichever is greater. Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V) (at 20°C after 2 minutes)							
Dissipation Factor (tan δ)	Rated voltage (V _{dc})	6.3V	10V	16V	25V	35V	50V	
	tan δ (Max.)	5L	0.27	0.23	0.18	0.16	0.14	0.12
		7L	0.35	0.27	0.22	0.20	0.17	0.15
Low Temperature Characteristics (Max. Impedance Ratio)	Rated voltage (V _{dc})	6.3V	10V	16V	25V	35V	50V	
	Z(-25°C)/Z(+20°C)	4	3	2	2	2	2	
	Z(-40°C)/Z(+20°C)	10	8	6	4	3	3	
Endurance	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 85°C.							
	Capacitance change	≤ ±20% of the initial value						
	D.F. (tan δ)	≤ 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 85°C without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to Item 4.1 of JIS C 5101-4.							
	Capacitance change	≤ ±20% of the initial value						
	D.F. (tan δ)	≤ 200% of the initial specified value						
	Leakage current	≤ The initial specified value						

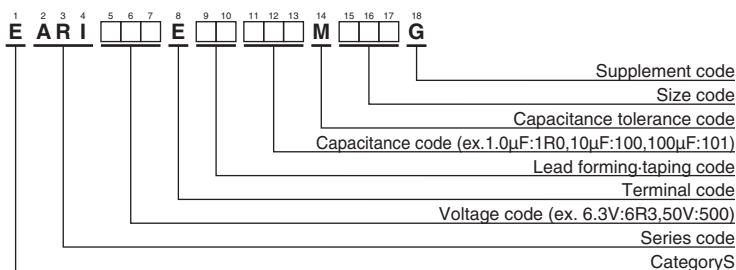
DIMENSIONS[mm]

- Terminal Code : E



φD (L)	4	5	6.3	8	
F	1.5	2.0	2.5	(5L) 2.5	(7L) 3.5
φd	0.45	0.45	0.45	0.45	
φD'	φD + 0.5 max.				
L'	L + 1.0 max.				

PART NUMBERING SYSTEM



Please refer to "Product code guide (radial lead type)"

MARKING



- Rated voltage symbol

Rated voltage (V _{dc})	Symbol
6.3	j
10	A
16	C
25	E
35	V
50	H

ARI Series

◆ STANDARD RATINGS

WV (V _{dc})	Cap (μF)	Case size φD×L(mm)	tan δ	Part No.	WV (V _{dc})	Cap (μF)	Case size φD×L(mm)	tan δ	Part No.
6.3	22	4×5	0.27	EARI6R3E□□220MD05G	35	4.7	4×5	0.14	EARI350E□□4R7MD05G
	22	4×7	0.35	EARI6R3E□□220MD07G		4.7	4×7	0.17	EARI350E□□4R7MD07G
	47	5×5	0.27	EARI6R3E□□470ME05G		10	5×5	0.14	EARI350E□□100ME05G
	47	5×7	0.35	EARI6R3E□□470ME07G		10	5×7	0.17	EARI350E□□100ME07G
	220	6.3×7	0.35	EARI6R3E□□221MF07G		22	6.3×5	0.14	EARI350E□□220MF05G
	330	8×5	0.27	EARI6R3E□□331MH05G		22	6.3×7	0.17	EARI350E□□220MF07G
10	33	5×5	0.23	EARI100E□□330ME05G	33	8×5	0.14	EARI350E□□330MH05G	
	33	5×7	0.27	EARI100E□□330ME07G	50	1.0	4×5	0.12	EARI500E□□1R0MD05G
	100	6.3×5	0.23	EARI100E□□101MF05G		1.0	4×7	0.15	EARI500E□□1R0MD07G
	220	8×5	0.23	EARI100E□□221MH05G		2.2	4×5	0.12	EARI500E□□2R2MD05G
16	10	4×5	0.18	EARI160E□□100MD05G		2.2	4×7	0.15	EARI500E□□2R2MD07G
	10	4×7	0.22	EARI160E□□100MD07G		3.3	4×5	0.12	EARI500E□□3R3MD05G
	22	5×5	0.18	EARI160E□□220ME05G		3.3	4×7	0.15	EARI500E□□3R3MD07G
	22	5×7	0.22	EARI160E□□220ME07G		4.7	5×5	0.12	EARI500E□□4R7ME05G
	47	6.3×7	0.22	EARI160E□□470MF07G		4.7	5×7	0.15	EARI500E□□4R7ME07G
	100	6.3×7	0.22	EARI160E□□101MF07G		10	6.3×5	0.12	EARI500E□□100MF05G
25	33	6.3×5	0.16	EARI250E□□330MF05G		10	6.3×7	0.15	EARI500E□□100MF07G
	33	6.3×7	0.20	EARI250E□□330MF07G	22	8×5	0.12	EARI500E□□220MH05G	
	47	6.3×5	0.16	EARI250E□□470MF05G					
	100	8×5	0.16	EARI250E□□101MH05G					

□□ : Enter the appropriate lead forming or taping code.