

Hybrid Conductive Polymer Type / Surface Mount Type

RoHS compliance

HVJ Series

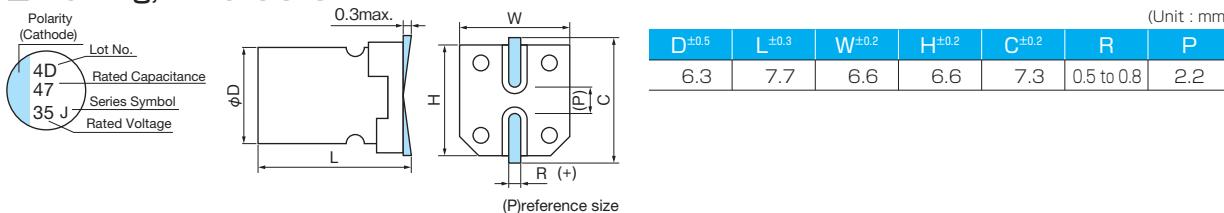
150°C

- 150°C 1,000hours
- Solvent proof (within 2 minutes)
- AEC-Q200

■ Specifications

Items	Condition	Specifications					
Rated voltage (V)	—	25	35	50	63		
Surge voltage (V)	Room temperature	32	44	63	79		
Category temperature range (°C)	—	−55 to +150					
Capacitance tolerance (%)	120Hz/20°C	M : ±20					
Dissipation Factor(tan δ)	tanδ(max.) 120Hz/20°C	0.16					
Leakage current(LC)	μA/after 2minutes (max.), 20°C	0.05CV					
Endurance	150°C, 1,000hours rated voltage applied (With the rated ripple current)	△C/C	Within ±30% of the initial value				
		tanδ	Not more than 200% of the specified value				
		ESR	Not more than 200% of the specified value				
		LC	Not more than the specified value				
Shelf Life	150°C, 1,000hours(with no voltage load)	Shall meet the endurance spec above after voltage treatment at 20deg.C per JIS C 5101-4 4.1.					

■ Marking, Dimensions



■ Size, ESR, Rated Ripple Current

μF	V	25	35	50	63		
15						6.3×7.7	100 380
22						6.3×7.7	80 410
47			6.3×7.7	60 510			
68	6.3×7.7	45 540					

Please refer to page 20 for ripple current frequency coefficients.

ESR(mΩ)max. at 100kHz, 20°C

Case size:φDxL(mm) Rated ripple current
mArms(100kHz, 150°C)

■ Part number

