

MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS

WS Low Impedance, Height 7mm Series

IZI Low Impedance **S** Solvent Proof

- Low impedance series with 7mm height
- Load life of 1000 hours at 105°C

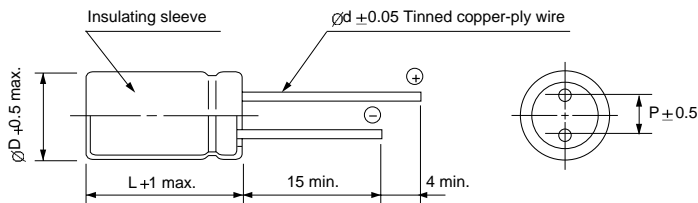
RK → **WS**
Low imp.



Item	Characteristics					
Operating temperature range	-55 ~ +105°C					
Leakage current max.	I = 0.01CV or 3 μ A whichever is greater (after 2 minutes)					
Capacitance tolerance	\pm 20% at 120Hz, 20°C					
Dissipation factor max. (at 120Hz, 20°C)	WV	6.3	10	16	25	35
	tan δ	0.18	0.16	0.14	0.12	0.12
Low temperature characteristics (Impedance ratio at 120Hz)	WV	6.3	10	16	25	35
	Z-25°C/Z+20°C	2	2	2	2	2
	Z-55°C/Z+20°C	6	4	4	3	3
Load life (after application of the rated voltage for 1000 hours at 105°C)	Leakage current	Less than specified value				
	Capacitance change	Within \pm 25% of initial value				
	tan δ	Less than 200% of specified value				
Shelf life (at 105°C)	After 1000 hours no load test, leakage current, capacitance and tan δ are same as load life value.					

● DRAWING

Unit : mm



\varnothing D	4	5	6.3
P	1.5	2.0	2.5
\varnothing d	0.45	0.5	0.5

● DIMENSIONS & MAXIMUM PERMISSIBLE RIPPLE CURRENT

μ F \ WV	6.3			10			16			25			35		
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	6.3 × 7	0.8	160			
68	6.3 × 7	0.8	160	6.3 × 7	0.8	160	6.3 × 7	0.8	160						
100	6.3 × 7	0.8	160	6.3 × 7	0.8	160									

← Ripple current (mA rms) at 105°C, 100kHz
 ← Impedance (Ω) max. at 20°C, 100kHz
 ← Case size \varnothing D × L (mm)