

Spec Sheet

ALUMINUM ELECTROLYTIC CAPACITORS WITH CONDUCTIVE POLYMER SOLID ELECTROLYTE[PVM]

PVM-1 6V680MF60E-R2

ELNA



Unit : mm

■ Features

- Item Summary
68uF±20%, 35V, ϕ 6.3x5.7mm, SMD
- Lifecycle Stage
Mass Production (Preferred)
- Standard packaging quantity (minimum)
1000

■ Products characteristics table

Capacitance	68 uF ± 20 %
Rated Voltage	35 V
tan δ (max)	0.12
Operating Temp. Range	-55 to +105 °C
Leakage current (min)	476 uA at 2 min
Rated Ripple (max)	2340 mArms at 100k Hz / 105 °C
Impedance ratio ___ [-25°C/+20°C]	1.15
Impedance ratio ___ [-55°C/+20°C]	1.25
ESR (max)	28 m Ω at 100k Hz / 20 °C
Endurance ___ [Test time]	2000 hr at 105 °C
Endurance ___ [Capacitance change]	Within $\pm 20\%$ of initial value
Endurance ___ [tan δ change]	150% or less of initial specified value
Shape	Vertical Chip (SMD)
Type	Conductive Polymer
RoHS Compliance (10 subst.)	Yes
REACH Compliance (209 subst.)	Yes
Soldering	Reflow
LeadForming/Taping	Taping Embossed

■ External Dimensions

Dimension ϕD	$\phi 6.3 \pm 0.5$ mm
Dimension L	5.7 ± 0.3 mm
Dimension P (F)	Typ 2 mm
Dimension C (d)	Typ 2.7 mm

The data is reference only. Electrical characteristics vary depending on environment or measurement condition. TAIYO YUDEN reserves the right to make change to the data at any time without notice. Before making final selection, please check product specification.

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Please read this notice before using the ELNA products.



REMINDERS

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[>>Taiyo Yuden\(太阳诱电\)](#)