

FOR AUTOMOTIVE CONDUCTIVE POLYMER HYBRID ALUMINUM ELECTROLYTIC CAPACITORS[HT]

HT-25V561MHC5EQ-R2

ELNA



Unit : mm

■ Features

- Item Summary
560uF±20%, 25V, $\phi 10 \times 12.5 \text{mm}$, SMD
- Lifecycle Stage
Mass Production
- AEC-Q200 qualified
- Standard packaging quantity (minimum)
400

■ Products characteristics table

Capacitance	560 uF \pm 20 %
Rated Voltage	25 V
tan δ (max)	0.14
Operating Temp. Range	-55 to +105 °C
Leakage current (min)	140 uA at 2 min
Rated Ripple (max)	3500 mArms at 100k Hz / 105 °C
Impedance ratio ___ [-25°C/+20°C]	1.5
Impedance ratio ___ [-55°C/+20°C]	2
ESR (max)	18 m Ω at 100k Hz / 20 °C
Endurance ___ [Test time]	10000 hr at 105 °C
Endurance ___ [Capacitance change]	Within $\pm 30\%$ of initial value
Endurance ___ [tan δ change]	200% or less of initial specified value
Shape	Vertical Chip for Vibration (SMD)
Type	Conductive Polymer Hybrid
RoHS2 Compliance	Yes
REACH Compliance	Yes
Soldering	Reflow
LeadForming/Taping	Taping Embossed

■ External Dimensions

Dimension ϕD	$\phi 10 \pm 0.5 \text{ mm}$
Dimension L	$12.5 \pm 0.5 \text{ mm}$
Dimension P (F)	Typ 4.7 mm
Dimension C (d)	Typ 3.3 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.

Please read this notice before using the ELNA products.



REMINDERS

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