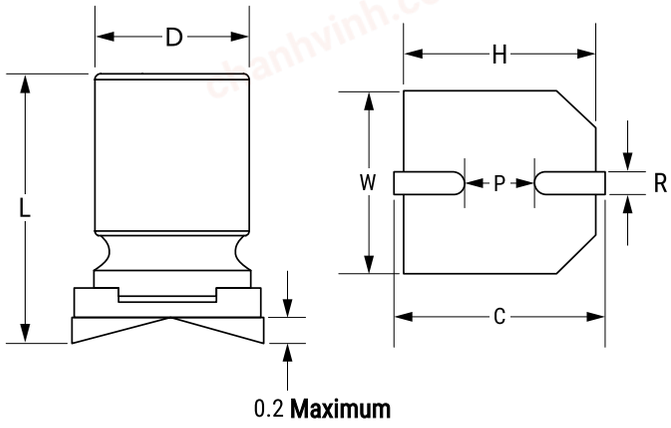
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A742MN397M1VLAS016

A742, Hybrid Polymer, 390 uF, 20%, 35 VDC, -55/+135°C



Click here for the 3D model.

General Information	
Series	A742
Dielectric	Hybrid Polymer
Style	SMD Can
Description	Surface Mount, Hybrid Aluminum Polymer
RoHS	Yes
Lead	V-Chip
Qualifications	AEC-Q200
Halogen Free	Yes
Shelf Life	104 Weeks

Dimensions	
D	10mm +/-0.5mm
L	10.2mm +/-0.3mm
W	10.3mm +/-0.2mm
H	10.3mm +/-0.2mm
C	11mm +/-0.2mm
P	4.6mm NOM
R	0.8 - 1.1mm

Packaging Specifications	
Packaging	T&R, 380mm

Specifications	
Capacitance	390 uF
Tolerance	20%
Voltage DC	35 VDC, 44.8 VDC (Surge)
Temperature Range	-55/+135°C
Rated Temperature	135°C
Life	4000 Hrs
Dissipation Factor	12% 120Hz 20C
ESR	16 mOhms (100kHz 20C)
Ripple Current	3500 mAmps (100kHz 125C), 2200 mAmps (100kHz 135C)
Leakage Current	136.5 uA (2min 20°C)

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.

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