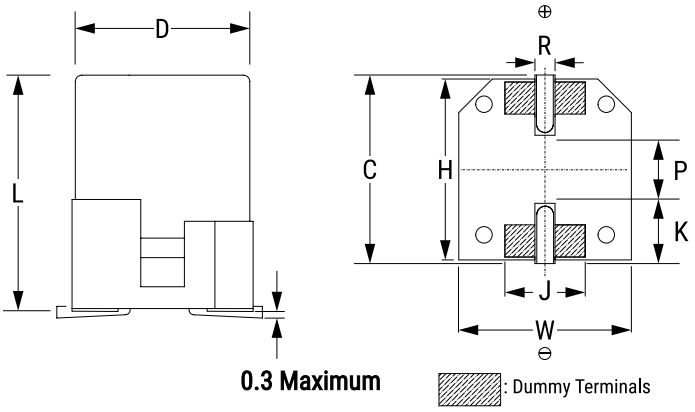
A781MS277M1VLAV022

A781, Aluminum, Hybrid Polymer, 270 uF, 20%, 35 VDC, -55/+135°C



Click here for the 3D model.

General Information	
Series	A781
Dielectric	Hybrid Polymer
Style	SMD Can
Description	Surface Mount, Hybrid Aluminum Polymer
RoHS	Yes
Lead	V-Chip
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes
Shelf Life	52 Weeks
MSL	1

Dimensions	
D	10mm +/-0.5mm
L	12.4mm +/-0.5mm
W	10.3mm +/-0.2mm
H	10.8mm +/-0.2mm
C	11.2mm +/-0.2mm
J	4.4mm NOM
K	3.2mm NOM
P	4.6mm NOM
R	0.7 - 1.1mm

Packaging Specifications	
Packaging	T&R, 380mm
Packaging Quantity	400

Specifications	
Capacitance	270 uF
Tolerance	20%
Voltage DC	35 VDC, 40.25 VDC (Surge)
Temperature Range	-55/+135°C
Rated Temperature	135°C
Life	2000 Hrs
Dissipation Factor	12% 120Hz 20C
ESR	22 mOhms (100kHz 20C)
Ripple Current	2600 mAmps (100kHz 125C), 2900 mAmps (100kHz 135C), 7450 mAmps (100kHz 105C MAX, With Heat Sink), 4800 mAmps (100kHz 125C MAX, With Heat Sink)
High Temperature Solder	Yes
Leakage Current	94.5 uA (2min 20°C)

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