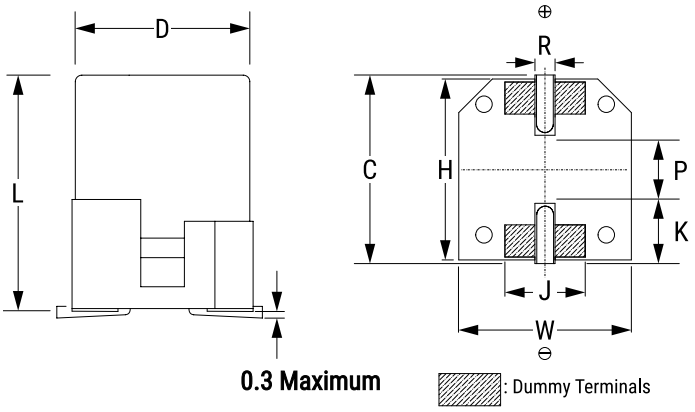
A781MS157M1HLAV028

A781, Hybrid Polymer, 150 uF, 20%, 50 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
Halogen Free	Yes
Shelf Life	104 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

Specifications	
Capacitance	150 uF
Tolerance	20%
Voltage DC	50 VDC, 57.5 VDC (Surge)
Temperature Range	-55/+135°C
Rated Temperature	135°C
Life	2000 Hrs
Dissipation Factor	10% 120Hz 20C
ESR	28 mOhms (100kHz 20C)
Ripple Current	2300 mAmps (100kHz 125C), 2600 mAmps (100kHz 135C), 6600 mAmps (100kHz 105C MAX, With Heat Sink), 4250 mAmps (100kHz 125C MAX, With Heat Sink)
High Temperature Solder	Yes
Leakage Current	75 uA (2min 20°C)

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