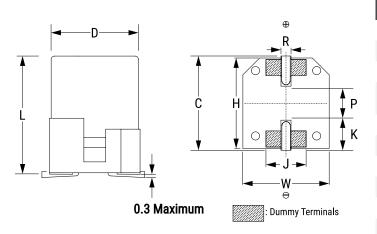
A780KS566M1JLAV040

A780, Aluminum, Hybrid Polymer, 56 uF, 20%, 63 VDC, -55/+125°C





Click	here	for	the	3D	model.

Dimensions	
D	8mm +/-0.5mm
L	12.4mm +/-0.3mm
W	8.3mm +/-0.2mm
Н	8.3mm +/-0.2mm
С	11mm +/-0.2mm
J	4mm NOM
K	2.3mm NOM
P	3.1mm NOM
R	0.8 - 1.1mm

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

General Information	
Series	A780
Dielectric	Hybrid Polymer
Style	SMD Can
Description	Surface Mount, Polymer Aluminum
RoHS	Yes
Lead	V-Chip
Qualifications	AEC-Q200
AEC-Q200	Yes
Halogen Free	Yes
Shelf Life	52 Weeks
MSL	1

Specifications	
Capacitance	56 uF
Tolerance	20%
Voltage DC	63 VDC, 72.4 VDC (Surge)
Temperature Range	-55/+125°C
Rated Temperature	125°C
Life	4000 Hrs
Dissipation Factor	8% 120Hz 20C
ESR	40 mOhms (100kHz 20C)
Ripple Current	1400 mAmps (100kHz 125C), 5250 mAmps (100kHz 105C MAX, With Heat Sink), 3000 mAmps (100kHz 125C MAX, With Heat Sink)
High Temperature Solder	Yes
Leakage Current	35.3 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.

Generated 10/09/2025 © 2006 - 2025 YAGEO