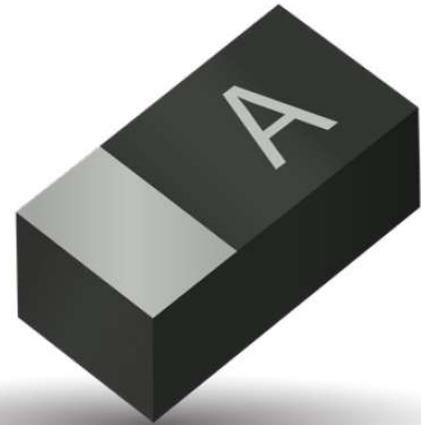


F98-AJ6 Series --- F981C475MMAAJ6
 Resin-Molded Chip, High CV Facedown – Automotive Range



PRODUCT SPECIFICATIONS :

Nominal Capacitance @ 120Hz	4.7 μ F
Capacitance Tolerance	M = \pm 20%
Rated Voltage DC (V_R)	< 85°C 16 V
Category Voltage DC (V_C)	< 125°C 10 V
Surge Voltage (V_S)	< 85°C 20 V
Temperature Range	-55°C to +125°C
DC Leakage Current max. @ V_R	0.8 μ A
Dissipation Factor max. @ 120Hz	12 %
ESR max. @ 100kHz	12 Ω
Typical weight (M case)	6 mg
Moisture sensitivity level:	MSL 3
Reflow specification: meets J-STD-020 standard	
100% surge current tested	



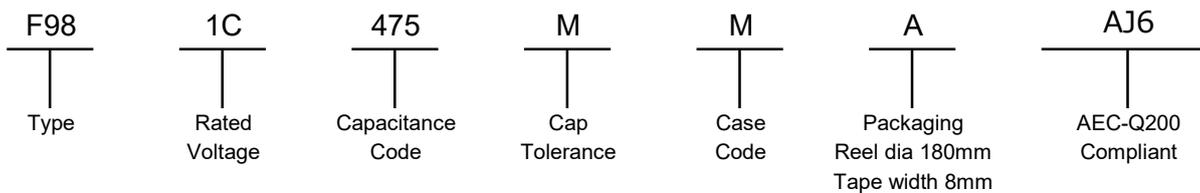
LEAD-FREE
 LEAD-FREE COMPATIBLE
 COMPONENT



All technical data relates to an ambient temperature of +20°C, Capacitance is measured at 120Hz, 0.5RMS with DC bias of 1.5V, DC Leakage Current is measured at rated voltage after 5 minutes

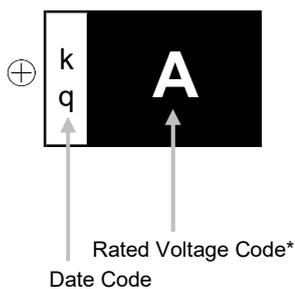
RMS value of Ripple Current (mA) @100kHz		
25°C	85°C	125°C
46	41	18

HOW TO ORDER :

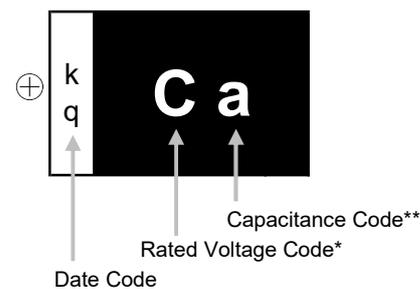


MARKING :

M case



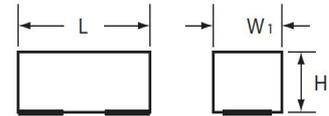
S case



RV	*	Cap	**
10	A	10	a
16	C		

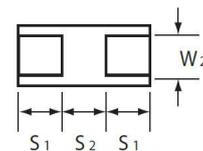
CASE DIMENSIONS: millimetres

Case Code	EIA Code	EIA Metric	L	W ₁	W ₂	H	S ₁	S ₂
M	0603	1608-10	1.6 +0.2/-0.1	0.85 +0.2/-0.1	0.65±0.1	1.0 Max	0.5±0.1	0.6±0.1



PACKAGING INFORMATION :

Packaging Code	Reel Size	Tape Width	Quantity (pcs)
A	180 mm	8 mm	4,000



Issued by: KYOCERA AVX Technical Marketing Team
 Tantalum Division
 More details at: www.kyocera-avx.com

Version: 10/2021

NORTH AMERICA
 Tel: +1 864-967-2150

CENTRAL AMERICA
 Tel: +55 11-46881960

EUROPE
 Tel: +44 1276-697000

ASIA
 Tel: +65 6286-7555

JAPAN
 Tel: +81 740-321250

WWW.KYOCERA-AVX.COM



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