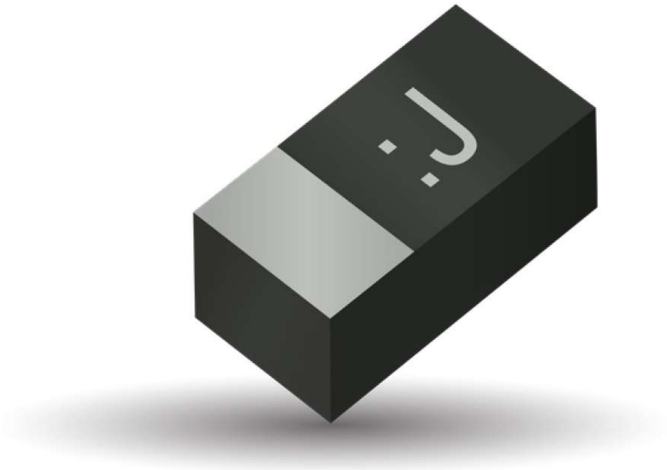
F98 Series ------ F980J226MMA

Resin-Molded Chip, High CV Undertab

PRODUCT SPECIFICATIONS :

Nominal Capacitance @ 120Hz	22 µF	
Capacitance Tolerance	M = ±20%	
Rated Voltage DC (V_R)	< 85°C	6.3 V
Category Voltage DC (V_C)	< 125°C	4 V
Surge Voltage (V_S)	< 85°C	8 V
Temperature Range	-55°C to +125°C	
DC Leakage Current max. @ V_R	1.4 µA	
Dissipation Factor max. @ 120Hz	20 %	
ESR max. @ 100kHz	6 Ω	
Typical weight (M case)	6 mg	
Moisture sensitivity level:	MSL 3	



LEAD-FREE
LEAD-FREE COMPATIBLE COMPONENT

RoHS COMPLIANT

Reflow specification: meets J-STD-020 standard
100% surge current tested
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	60°C	85°C	125°C
65	–	58	26

HOW TO ORDER :

F98	0J	226	M	M	A	□□□
Type	Rated Voltage	Capacitance Code	Cap Tolerance	Case Code	Packaging Reel dia 180mm Tape width 8mm	

Special Code

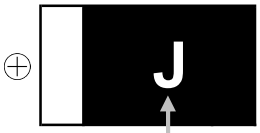
LZT	Rated temp. 60°C
AXE	Rated temp. 60°C, H dimension 1.0mm Max

MARKING :

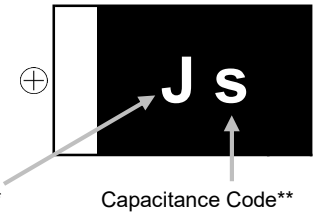
U case



M case



S case



RV	*
2.5	e
4	G
6.3	J
10	A
16	C
20	D
25	E
35	V

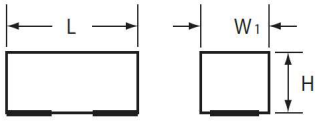
Cap	**
1	A
2.2	J
4.7	S
10	a
22	J
33	n
47	s
68	w
100	A
220	J

F98 Series ------ F980J226MMA

Resin-Molded Chip, High CV Undertab

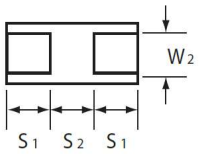
CASE DIMENSIONS: millimetres

Case Code	EIA Code	EIA Metric	L	W_1	W_2	H	S_1	S_2
M	0603	1608-09	1.6 +0.2/-0.1	0.85 +0.2/-0.1	0.65±0.1	0.8±0.1	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

NOTICE: Specifications are subject to change without notice. Contact your nearest KYOCERA AVX Sales Office for the latest specifications. Specifications are typical and may not apply to all applications. All statements, information and data given herein are believed to be accurate and reliable, but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied. Statements or suggestions concerning possible use of our product are made without responsibility or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should not assume that all safety measures are indicated or that other measures are indicated or that measures may not be required. All samples are provided for testing purposes only. Provision of samples shall not constitute any offer of sale nor shall it constitute any commitment of any kind. Samples may not be incorporated in any product offered for commercial sale. Recipient assumes all risks and liability resulting from such testing. Samples are for the exclusive use of the direct recipient and shall not be sold, lent, given, or otherwise transferred to any other party. All unused samples shall be destroyed or returned to KYOCERA AVX.