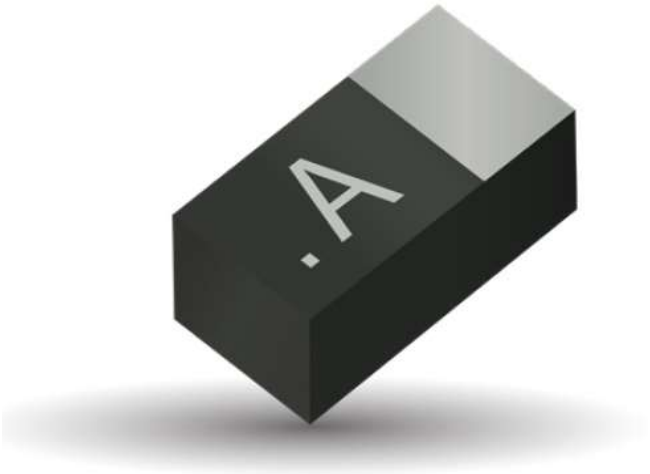
F38 Series ------ F380G107MSALZT

Conductive Polymer, Miniature, Undertab Solid Electrolytic Chip Capacitors

PRODUCT SPECIFICATIONS :

Nominal Capacitance @ 120Hz	100 µF	
Capacitance Tolerance	M = ±20%	
Rated Voltage DC (V_R)	< 60°C	4 V
Category Voltage DC (V_C)	< 105°C	2 V
Surge Voltage (V_S)	< 60°C	5.2 V
Temperature Range	-55°C to +105°C	
DC Leakage Current max. @ V_R	80 µA	
Dissipation Factor max. @ 120Hz	10 %	
ESR max. @ 100kHz	200 mΩ	
Typical weight (S case)	12.4 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			
45°C	60°C	85°C	105°C
474	332	–	237

HOW TO ORDER :

F38	0G	107	M	S	A	□□□□□
Type	Rated Voltage	Capacitance Code	Cap Tolerance	Case Code	Packaging Reel dia 180mm Tape width 8mm	

Special Code

AXE	Rated temp. 60°C, H dimension 1.0mm Max
AXEH3	Rated temp. 60°C, H dimension 1.0mm Max, Low ESR
LZT	Rated temp. 60°C
LZTH1	Rated temp. 60°C, Low ESR
AH1, AH2, AH3	Low ESR
H8Z	H dimension 0.8mm Max

MARKING :

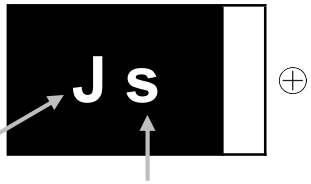
U case



M case



S case



Rated Voltage Code*

Capacitance Code**

RV	*
4	G
6.3	J
8	K
10	A
25	E
30	S

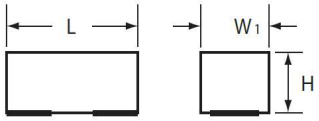
Cap	**
1	A
2.2	J
4.7	S
10	a
22	J
33	n
47	s
68	w
100	A

F38 Series ------ F380G107MSALZT

Conductive Polymer, Miniature, Undertab Solid Electrolytic Chip Capacitors

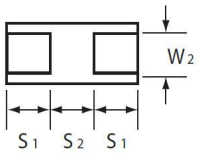
CASE DIMENSIONS: millimetres

Case Code	EIA Code	EIA Metric	L	W_1	W_2	H	S_1	S_2
S	0805	2012-09	2.0 +0.2/-0.1	1.25 +0.2/-0.1	0.9±0.1	0.8±0.1	0.5±0.1	1.0±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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