

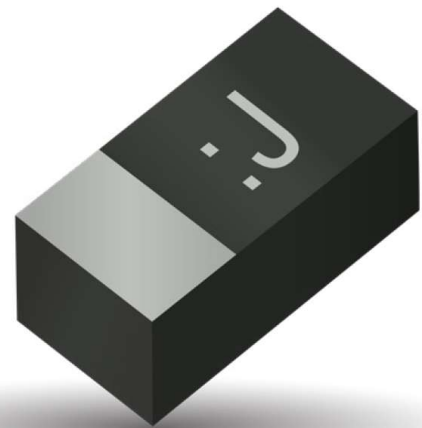
F98 Series ----- F980G686MSA

Resin-Molded Chip, High CV Undertab



PRODUCT SPECIFICATIONS :

Nominal Capacitance @ 120Hz	68 μ F
Capacitance Tolerance	M = \pm 20%
Rated Voltage DC (V_R)	< 85°C 4 V
Category Voltage DC (V_C)	< 125°C 2.5 V
Surge Voltage (V_S)	< 85°C 5.2 V
Temperature Range	-55°C to +125°C
DC Leakage Current max. @ V_R	2.7 μ A
Dissipation Factor max. @ 120Hz	30 %
ESR max. @ 100kHz	4 Ω
Typical weight (S case)	13 mg
Moisture sensitivity level:	MSL 3
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	

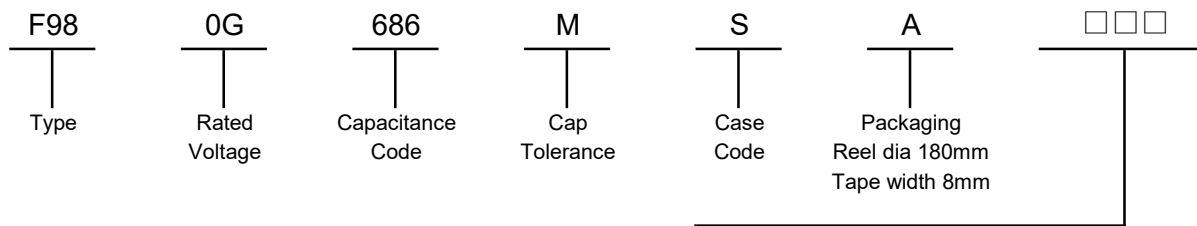


LEAD-FREE
LEAD-FREE COMPATIBLE
COMPONENT



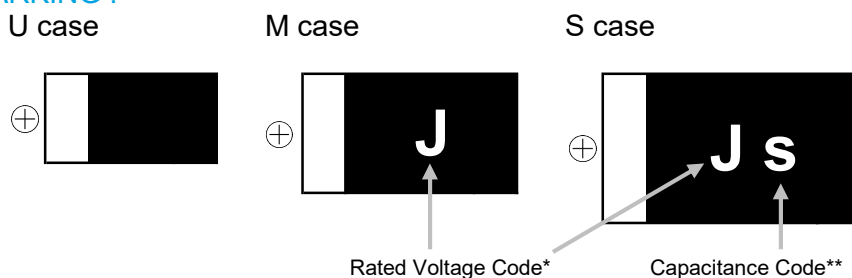
RMS value of Ripple Current (mA) @100kHz			
25°C	60°C	85°C	125°C
106	—	95	42

HOW TO ORDER :



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

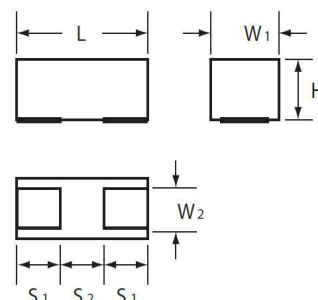
MARKING :



RV	*	Cap	**
2.5	e	1	A
4	G	2.2	J
6.3	J	4.7	S
10	A	10	a
16	C	22	J
20	D	33	n
25	E	47	s
35	V	68	w
		100	A
		220	J

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

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