

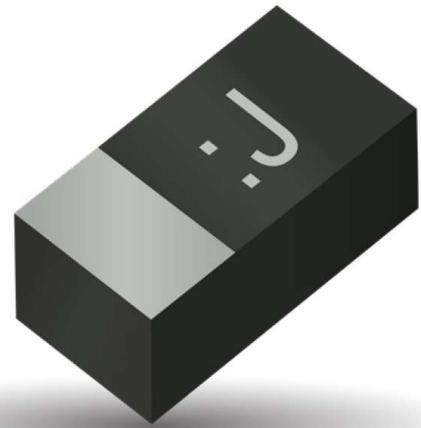
# F98 Series ----- F981A225MMA

## Resin-Molded Chip, High CV Undertab



### PRODUCT SPECIFICATIONS :

Nominal Capacitance @ 120Hz	2.2 $\mu$ F
Capacitance Tolerance	M = $\pm$ 20%
Rated Voltage DC ( $V_R$ )	< 85°C 10 V
Category Voltage DC ( $V_C$ )	< 125°C 6.3 V
Surge Voltage ( $V_S$ )	< 85°C 13 V
Temperature Range	-55°C to +125°C
DC Leakage Current max. @ $V_R$	0.5 $\mu$ A
Dissipation Factor max. @ 120Hz	6 %
ESR max. @ 100kHz	7.5 $\Omega$
Typical weight (M case)	6 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	

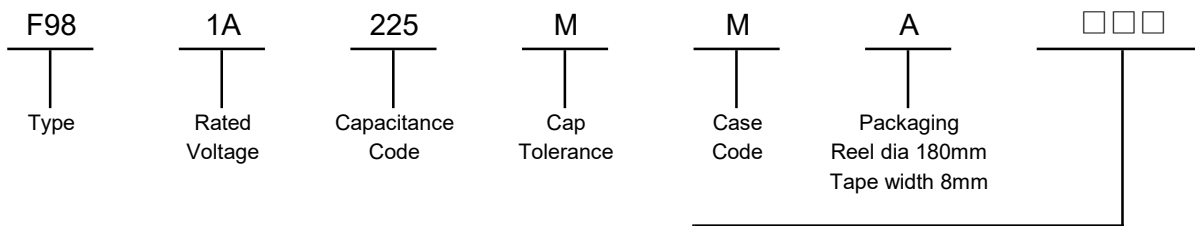


LEAD-FREE  
LEAD-FREE COMPATIBLE  
COMPONENT



RMS value of Ripple Current (mA) @100kHz			
25°C	60°C	85°C	125°C
58	—	52	23

### HOW TO ORDER :



Special Code

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

### MARKING :

U case

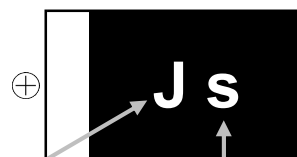


M case



Rated Voltage Code\*

S case

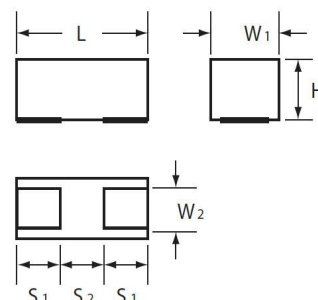


Capacitance Code\*\*

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	$S_1$	$S_2$
M	0603	1608-09	$1.6 +0.2/-0.1$	$0.85 +0.2/-0.1$	$0.65 \pm 0.1$	$0.8 \pm 0.1$	$0.5 \pm 0.1$	$0.6 \pm 0.1$



## PACKAGING INFORMATION :

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

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