

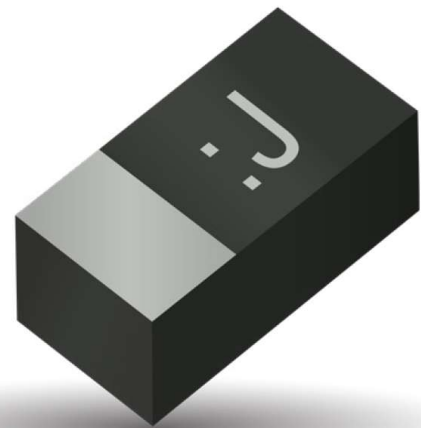
# F98 Series ----- F980E476MMA

## Resin-Molded Chip, High CV Undertab



### PRODUCT SPECIFICATIONS :

Nominal Capacitance @ 120Hz	47 $\mu$ F	
Capacitance Tolerance	M = $\pm$ 20%	
Rated Voltage DC ( $V_R$ )	< 85°C	2.5 V
Category Voltage DC ( $V_C$ )	< 125°C	1.6 V
Surge Voltage ( $V_S$ )	< 85°C	3.2 V
Temperature Range	-55°C to +125°C	
DC Leakage Current max. @ $V_R$	1.2 $\mu$ A	
Dissipation Factor max. @ 120Hz	30 %	
ESR max. @ 100kHz	4 $\Omega$	
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		

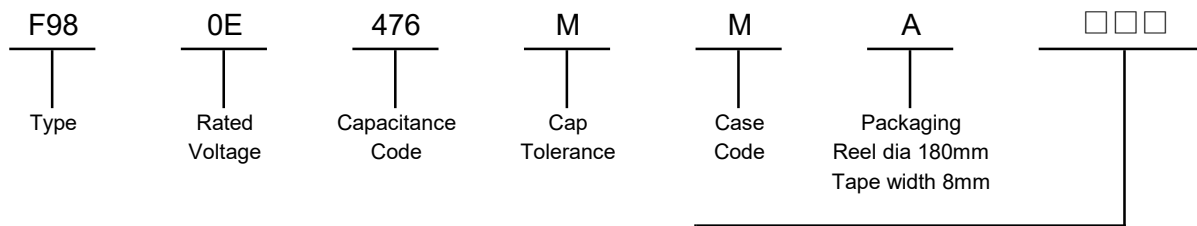


LEAD-FREE  
LEAD-FREE COMPATIBLE  
COMPONENT



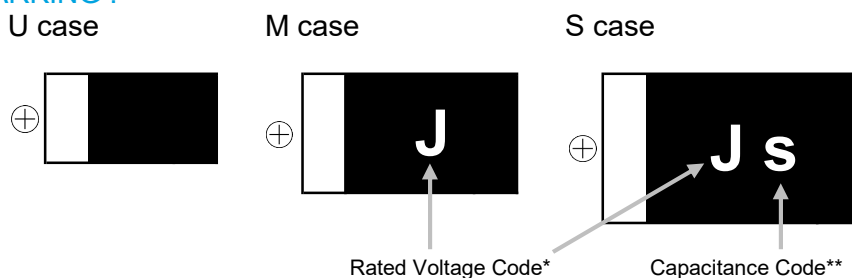
RMS value of Ripple Current (mA) @100kHz			
25°C	60°C	85°C	125°C
79	—	71	32

### HOW TO ORDER :



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

### MARKING :



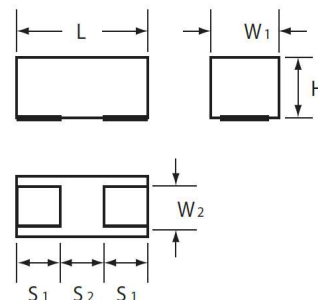
RV	*	Cap	**
2.5	e	1	A
4	G	2.2	J
6.3	J	4.7	S
10	A	10	a
16	C	22	J
20	D	33	n
25	E	47	s
35	V	68	w
		100	A
		220	J

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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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