

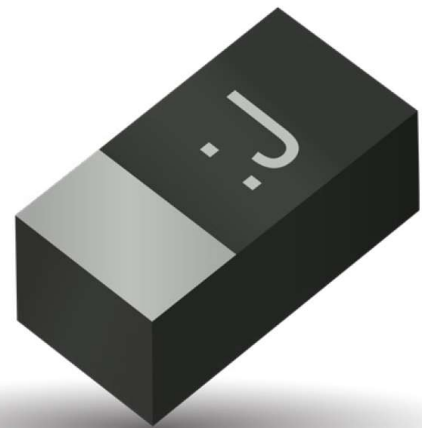
# F98 Series ----- F980G106MUA

## Resin-Molded Chip, High CV Undertab



### PRODUCT SPECIFICATIONS :

Nominal Capacitance @ 120Hz	10 $\mu$ 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. @ $V_R$	0.8 $\mu$ A
Dissipation Factor max. @ 120Hz	25 %
ESR max. @ 100kHz	20 $\Omega$
Typical weight (U case)	1.6 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	

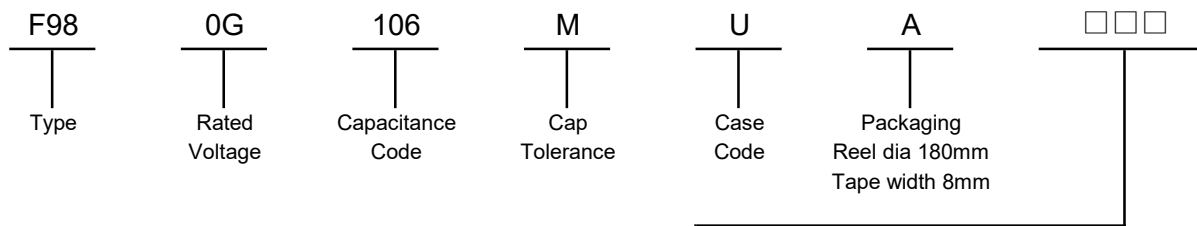


LEAD-FREE  
LEAD-FREE COMPATIBLE  
COMPONENT



RMS value of Ripple Current (mA) @100kHz			
25°C	60°C	85°C	125°C
27	—	25	11

### HOW TO ORDER :



Special Code

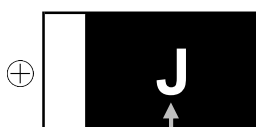
LZT	Rated temp. 60°C
AXE	Rated temp. 60°C, H dimension 1.0mm Max

### MARKING :

U case

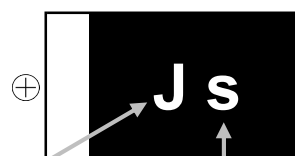


M case



Rated Voltage Code\*

S case

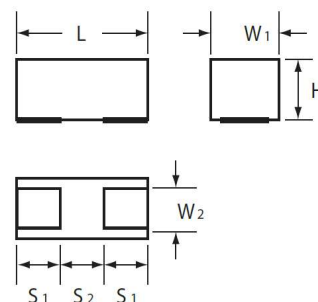


Capacitance Code\*\*

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 <sub>1</sub>	W <sub>2</sub>	H	S <sub>1</sub>	S <sub>2</sub>
U	0402	1106-06	1.10±0.05	0.60±0.05	0.35±0.05	0.55±0.05	0.3±0.05	0.5±0.05



**PACKAGING INFORMATION :**

Packaging Code	Reel Size	Tape Width	Quantity (pcs)
A	180 mm	8 mm	10,000

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