SME

Surface Mount Electrolytic Capacitors

Surface Mount Electrolytic (SME) capacitors are measured according to the diameter of the can mounted on top of the terminations. Sizes range from 3mm to 24mm in diameter. The most popular sizes are listed below. Please call if different sizes are needed. These components come packaged on plastic embossed carrier tape. Standard reel sizes are 15".

SME Surface Mount Electrolytic Capacitors

Part Description	Body Size	Tape Width	Tape Pitch	Quantity 15" Reel
3mm-SME-PL-Sn	3mm	12mm	8mm	2,000
4mm-SME-PL-Sn	4mm	12mm	8mm	2,000
5mm-SME-PL-Sn	5mm	12mm	12mm	1,000
6.3mm-SME-PL-Sn	6.3mm	16mm	12mm	1,000
8mm-SME-PL-Sn	8mm	16mm	12mm	1,000
10mm-SME-PL-Sn	10mm	24mm	16mm	500
18mm-SME-PL-Sn	18mm	44mm	32mm	125

Notes

- Surface mount electrolytic capacitors come standard on 15" reels.
- Components are measured by the diameter of the electrolytic can.
- Lead-free available with 100% Sn.

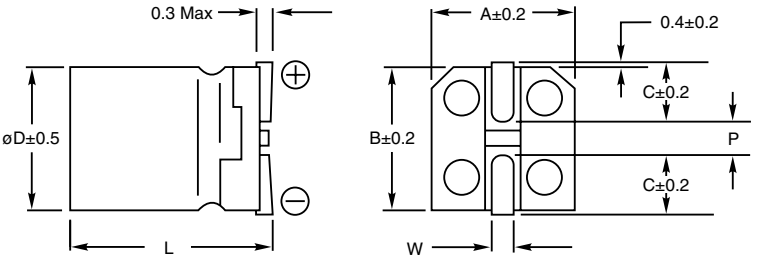
Part Description System

Body Size —— 3mm–SME–PL —— Plastic Carrier Pack

Surface Mount Electrolytic Capacitor

Lead spacing and wire diameter — Unit: mm

øD	L	A	B	C	W	P
4	5.3±0.2	4.3	4.3	2.0	0.5±0.8	1.0
5	5.3±0.2	5.3	5.3	2.3	0.5±0.8	1.5
6.3	5.3±0.2	6.6	6.6	2.7	0.5±0.8	2.0
8	6.3±0.3	8.4	8.4	3.4	0.5±0.8	2.3
8	10±0.5	8.4	8.4	3.0	0.7±1.1	3.1
10	10±0.5	10.4	10.4	3.3	0.7±1.1	4.7
18	16.5	19.0	21.0	6.5	1.2±0.3	6.7



MELF Diodes

Metal Electrode Face Components

Metal Electrode Face Components (MELF) have metallized terminals at each end of a cylindrical body. MELF components are designed to fit the same footprints as flat components i.e., 0805 (.08" x .05") and the 0603 (.06" x .03"). MELF packages are available on plastic tape and reel.

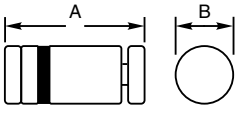
MELF Metal Electrode Face Component Diodes

Part Description	Body Size	Quantity 7" Reel	Tape Width	Tape Pitch	Quantity 13" Reel
SOD80-TR-Sn	1.4 x 3.4mm	2,500	8mm	4mm	10,000
SOD80 Package is also known as LL-34 or DO-213AA.					
SM1-TR-Sn	2.6 x 5.0mm	1,500	12mm	4mm	5,000
Package is also known as DO-213AB.					

Notes

- MELF Diodes are cylindrical glass or plastic packages with Sn termination for lead-free.

Package	SOD80 (LL34)	SM1 (LL41)
Dimension A	3.4mm	5.0mm
Dimension B	1.5mm	2.8mm

Part Description System

Device/Package —— SOD80–TR —— Tape and Reel