

SMS Surface Mount Shield

Leader Tech SMS - Surface Mount Shields offer a highly reliable, cost effective, off-the-shelf solution for most surface mount shielding applications. Our SMS shields are supplied in tape & reel packaging and are suited for any volume application including automated pick and place assembly operations. The one piece SMS style can be specified for applications that require no inspection or repair of shielded elements. For board applications that require inspection, we offer a two piece Leader Tech SMS shield. This style allows for fast and easy removal of the cover providing full access to components.

ONE-PIECE SURFACE MOUNT SHIELD

Part Number	Part Name	Outside Width	Outside Length	Height	Parts per Reel	Material	Finish
SMS-101	Surface Mount Shield	0.500	0.538	0.100	1000	.008" Pre-Tin Steel	Matte
SMS-102	Surface Mount Shield	0.650	0.650	0.142	700	.008" Pre-Tin Steel	Matte
SMS-103	Surface Mount Shield	1.032	1.032	0.200	300	.008" Pre-Tin Steel	Matte
SMS-104	Surface Mount Shield	1.260	1.260	0.236	225	.008" Pre-Tin Steel	Matte
SMS-105	Surface Mount Shield	1.000	1.500	0.236	250	.008" Pre-Tin Steel	Matte
SMS-106	Surface Mount Shield	1.326	1.450	0.200	300	.008" Pre-Tin Steel	Matte
SMS-107	Surface Mount Shield	1.747	1.747	0.384	120	.008" Pre-Tin Steel	Matte

TWO-PIECE SURFACE MOUNT SHIELD

Part Number*	Part Name	Frame Width	Frame Length	Frame Height	Parts per Reel	Material	Finish
SMS-201	Surface Mount Shield	0.500	0.538	0.100	1000	.008" Pre-Tin Steel	Matte
SMS-202	Surface Mount Shield	0.650	0.650	0.142	700	.008" Pre-Tin Steel	Matte
SMS-203	Surface Mount Shield	1.034	1.034	0.200	300	.010" Pre-Tin Steel	Bright
SMS-204	Surface Mount Shield	1.260	1.260	0.236	225	.008" Pre-Tin Steel	Matte
SMS-205	Surface Mount Shield	1.000	1.500	0.236	250	.008" Pre-Tin Steel	Matte
SMS-206	Surface Mount Shield	1.326	1.450	0.200	300	.008" Pre-Tin Steel	Matte
SMS-207	Surface Mount Shield	1.747	1.747	0.384	120	.008" Pre-Tin Steel	Matte
SMS-210	Surface Mount Shield	1.201	1.732	0.118	370	.008" Pre-Tin Steel	Matte
SMS-251	Surface Mount Shield	1.500	2.000	0.200	150	.012" Pre-Tin Steel	Matte
SMS-252	Surface Mount Shield	1.034	1.034	0.070	300	.010 Pre-Tin Steel	Bright
SMS-254	Surface Mount Shield	1.034	1.034	0.098	300	.010 Pre-Tin Steel	Bright

*SMS-2XX-C: Part number when ordering cover only
SMS-2XX-F: Part number when ordering frame only

Applications

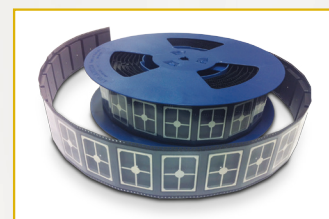
- Short lead times
- Automatic placement
- Cost effective
- No tooling costs

Material

Pre-tin plated steel

SMS Styles

- One-piece
- form down construction supplied in tape & reel packaging
- Two-piece
- frame & cover, form down construction (frame supplied in tape & reel packaging)



Frame shown in tape & reel packaging

