

## One-Piece 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.

Our one piece SMS style can be specified for applications that require no inspection or repair of shielded elements.

ONE-PIECE SURFACE MOUNT SHIELD							
Part Number*	Part Name	Shield Width	Shield Length	Shield Height	Parts per Reel	Material	Finish
SMS-101	Surface Mount Shield	0.500	0.538	0.100	1000	.008" Pre-Tin Steel	Matte
SMS-101-N	Surface Mount Shield	0.500	0.538	0.100	1000	.008" Alloy 770	N/A
SMS-102	Surface Mount Shield	0.650	0.650	0.142	700	.008" Pre-Tin Steel	Matte
SMS-102-N	Surface Mount Shield	0.650	0.650	0.142	700	.008" Alloy 770	N/A
SMS-103	Surface Mount Shield	1.032	1.032	0.200	300	.008" Pre-Tin Steel	Matte
SMS-103-N	Surface Mount Shield	1.032	1.032	0.200	300	.008" Alloy 770	N/A
SMS-104	Surface Mount Shield	1.260	1.260	0.236	225	.008" Pre-Tin Steel	Matte
SMS-104-N	Surface Mount Shield	1.260	1.260	0.236	225	.008" Alloy 770	N/A
SMS-105	Surface Mount Shield	1.000	1.500	0.236	250	.008" Pre-Tin Steel	Matte
SMS-105-N	Surface Mount Shield	1.000	1.500	0.236	250	.008" Alloy 770	N/A
SMS-106	Surface Mount Shield	1.326	1.450	0.200	300	.008" Pre-Tin Steel	Matte
SMS-106-N	Surface Mount Shield	1.326	1.450	0.200	300	.008" Alloy 770	N/A
SMS-107	Surface Mount Shield	1.747	1.747	0.384	120	.008" Pre-Tin Steel	Matte
SMS-107-N	Surface Mount Shield	1.747	1.747	0.384	120	.008" Alloy 770	N/A

## Applications

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

## Material

Pre-tin plated steel

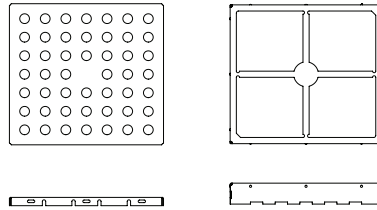
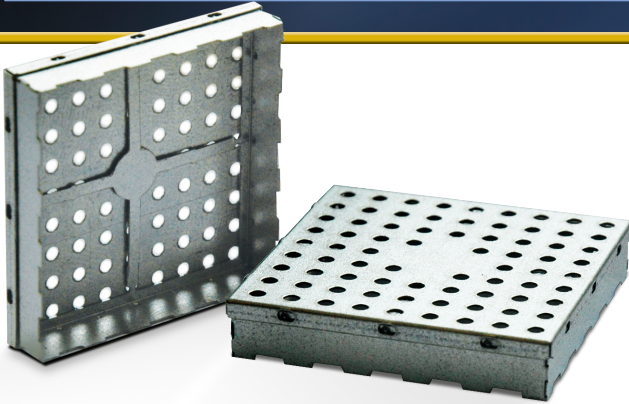
## One-Piece SMS Shields

- One-Piece
- Form down construction supplied in tape & reel packaging



Shield shown in tape & reel packaging





## Two-Piece 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.

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.

### 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-201-N	Surface Mount Shield	0.500	0.538	0.100	1000	.008" Alloy 770	N/A
SMS-202	Surface Mount Shield	0.650	0.650	0.142	700	.008" Pre-Tin Steel	Matte
SMS-202-N	Surface Mount Shield	0.650	0.650	0.142	700	.008" Alloy 770	N/A
SMS-203	Surface Mount Shield	1.034	1.034	0.200	300	.010" Pre-Tin Steel	Bright
SMS-203-M	Surface Mount Shield	1.032	1.032	0.200	300	.008" Pre-Tin Steel	Matte
SMS-203-N	Surface Mount Shield	1.032	1.032	0.200	300	.008" Alloy 770	N/A
SMS-204	Surface Mount Shield	1.260	1.260	0.236	225	.008" Pre-Tin Steel	Matte
SMS-204-N	Surface Mount Shield	1.260	1.260	0.236	225	.008" Alloy 770	N/A
SMS-205	Surface Mount Shield	1.000	1.500	0.236	250	.008" Pre-Tin Steel	Matte
SMS-205-N	Surface Mount Shield	1.000	1.500	0.236	250	.008" Alloy 770	N/A
SMS-206	Surface Mount Shield	1.326	1.450	0.200	300	.008" Pre-Tin Steel	Matte
SMS-206-N	Surface Mount Shield	1.326	1.450	0.200	300	.008" Alloy 770	N/A
SMS-207	Surface Mount Shield	1.747	1.747	0.384	120	.008" Pre-Tin Steel	Matte
SMS-207-N	Surface Mount Shield	1.747	1.747	0.384	120	.008" Alloy 770	N/A
SMS-208	Surface Mount Shield	1.559	1.559	0.276	135	.008" Pre-Tin Steel	Matte
SMS-208-N	Surface Mount Shield	1.559	1.559	0.276	135	.008" Alloy 770	N/A
SMS-209	Surface Mount Shield	0.728	1.156	0.276	400	.008" Pre-Tin Steel	Matte
SMS-209-N	Surface Mount Shield	0.728	1.156	0.276	400	.008" Alloy 770	N/A
SMS-210	Surface Mount Shield	1.201	1.732	0.118	370	.008" Pre-Tin Steel	Matte
SMS-210-N	Surface Mount Shield	1.201	1.732	0.118	370	.008" Alloy 770	N/A
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-255	Surface Mount Shield	0.750	0.750	0.200	300	.008" Pre-Tin Steel	Matte

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



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## Applications

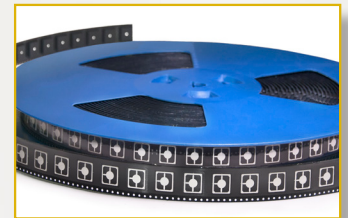
- Short lead times
- Automatic placement
- Cost effective
- No tooling costs

## Material

Pre-tin plated steel

## Two-Piece SMS Shields

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



Frame shown in tape & reel packaging



*A passion in all we do*  
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