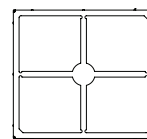
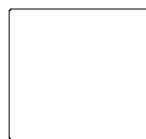


# LT Product Profile



00422-C

**LEADER  
TECH**  
a HEICO company



## 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.

## Applications

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

## Material

Pre-tin plated steel  
Alloy 770

## Two-Piece SMS Shields

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



Frame shown in tape & reel packaging

| TWO-PIECE SURFACE MOUNT SHIELD |               |               |         |                |                  |                 |              |                            |                  |           |  |
|--------------------------------|---------------|---------------|---------|----------------|------------------|-----------------|--------------|----------------------------|------------------|-----------|--|
| Shield Width                   | Shield Length | Shield Height | Vented  | Parts per Reel | Material Options |                 | Part Number* |                            |                  |           |  |
|                                |               |               |         |                | Standard         | **add -N to P/N |              |                            |                  |           |  |
| 0.500                          | 12.700        | 0.538         | 13.665  | 0.100          | 2.540            | No              | 1000         | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-401   |  |
| 0.500                          | 12.700        | 0.538         | 13.665  | 0.100          | 2.540            | Yes             | 1000         | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-201   |  |
| 0.650                          | 16.510        | 0.650         | 16.510  | 0.142          | 3.607            | No              | 700          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-402   |  |
| 0.650                          | 16.510        | 0.650         | 16.510  | 0.142          | 3.607            | Yes             | 700          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-202   |  |
| 0.728                          | 18.491        | 1.156         | 29.362  | 0.276          | 7.010            | No              | 325          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-409   |  |
| 0.750                          | 19.050        | 0.750         | 19.050  | 0.200          | 5.080            | Yes             | 300          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-255   |  |
| 0.835                          | 21.209        | 1.543         | 39.192  | 0.286          | 7.264            | No              | 280          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-456   |  |
| 1.000                          | 25.400        | 1.500         | 38.100  | 0.236          | 5.994            | No              | 250          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-405   |  |
| 1.000                          | 25.400        | 1.500         | 38.100  | 0.236          | 5.994            | Yes             | 250          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-205   |  |
| 1.034                          | 26.264        | 1.034         | 26.264  | 0.070          | 1.778            | No              | 300          | .010" Pre-Tin Bright Steel | 010" Alloy 770** | SMS-452   |  |
| 1.034                          | 26.264        | 1.034         | 26.264  | 0.070          | 1.778            | Yes             | 300          | .010" Pre-Tin Bright Steel | 010" Alloy 770** | SMS-252   |  |
| 1.034                          | 26.264        | 1.034         | 26.264  | 0.098          | 2.489            | Yes             | 600          | .010" Pre-Tin Bright Steel | 010" Alloy 770** | SMS-254   |  |
| 1.034                          | 26.264        | 1.034         | 26.264  | 0.200          | 5.080            | Yes             | 300          | .008" Pre-Tin Matte Steel  | -                | SMS-203-M |  |
| 1.034                          | 26.264        | 1.034         | 26.264  | 0.200          | 5.080            | No              | 300          | .010" Pre-Tin Bright Steel | 010" Alloy 770** | SMS-403   |  |
| 1.034                          | 26.264        | 1.034         | 26.264  | 0.200          | 5.080            | Yes             | 300          | .010" Pre-Tin Bright Steel | 010" Alloy 770** | SMS-203   |  |
| 1.070                          | 27.178        | 1.304         | 33.122  | 0.236          | 5.994            | No              | 210          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-457   |  |
| 1.070                          | 27.178        | 1.540         | 39.116  | 0.236          | 5.994            | No              | 240          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-458   |  |
| 1.070                          | 27.178        | 1.623         | 41.224  | 0.236          | 5.994            | No              | 230          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-459   |  |
| 1.070                          | 27.178        | 1.767         | 44.882  | 0.236          | 5.994            | No              | 230          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-460   |  |
| 1.070                          | 27.178        | 2.206         | 56.032  | 0.236          | 5.994            | No              | 200          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-461   |  |
| 1.070                          | 27.178        | 2.758         | 70.053  | 0.236          | 5.994            | No              | 250          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-462   |  |
| 1.201                          | 30.505        | 1.732         | 43.993  | 0.118          | 2.997            | No              | 370          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-210   |  |
| 1.260                          | 32.004        | 1.260         | 32.004  | 0.236          | 5.994            | No              | 225          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-404   |  |
| 1.260                          | 32.004        | 1.260         | 32.004  | 0.236          | 5.994            | Yes             | 225          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-204   |  |
| 1.326                          | 33.680        | 1.450         | 36.830  | 0.200          | 5.080            | No              | 300          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-406   |  |
| 1.326                          | 33.680        | 1.450         | 36.830  | 0.200          | 5.080            | Yes             | 300          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-206   |  |
| 1.500                          | 38.100        | 2.000         | 50.800  | 0.200          | 5.080            | No              | 250          | .012" Pre-Tin Matte Steel  | 012" Alloy 770** | SMS-451   |  |
| 1.559                          | 39.599        | 1.559         | 39.599  | 0.276          | 7.010            | No              | 150          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-408   |  |
| 1.747                          | 44.374        | 1.747         | 44.374  | 0.384          | 9.754            | No              | 120          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-407   |  |
| 1.747                          | 44.374        | 1.747         | 44.374  | 0.384          | 9.754            | Yes             | 120          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-207   |  |
| 1.805                          | 45.847        | 3.979         | 101.067 | 0.236          | 5.994            | No              | 130          | .008" Pre-Tin Matte Steel  | 008" Alloy 770** | SMS-463   |  |

Black = inches Blue = mm

\*SMS-4XX-C: Part number when ordering cover only | SMS-4XX-F: Part number when ordering frame only

\*\*When ordering Alloy 770 include '-N' in part number. Example: SMS-2XX-N

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