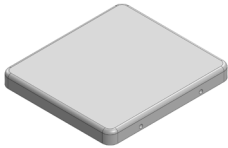
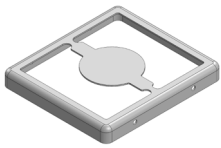
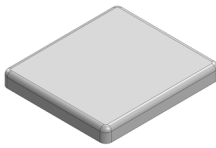


# MS199-20\*

## DRAWN-SEAMLESS EMI/RFI SHIELD

### \*OPTIONAL SHIELD CONFIGURATIONS

|                                                                                   |                                                                                   |                                                                                    |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|  |  |  |
| 2-PIECE SHIELD <b>COVER</b>                                                       | 2-PIECE SHIELD <b>FRAME</b>                                                       | 1-PIECE <b>SHIELD</b>                                                              |

| ITEM P/N                     | ITEM DESCRIPTION                    | MATERIAL         |
|------------------------------|-------------------------------------|------------------|
| <a href="#">MS199-20C</a>    | 2-PIECE EMI/RFI SHIELD <b>COVER</b> | TIN-PLATED STEEL |
| <a href="#">MS199-20F</a>    | 2-PIECE EMI/RFI SHIELD <b>FRAME</b> | TIN-PLATED STEEL |
| <a href="#">MS199-20S</a>    | 1-PIECE EMI/RFI <b>SHIELD</b>       | TIN-PLATED STEEL |
| <a href="#">MS199-20C-NS</a> | 2-PIECE EMI/RFI SHIELD <b>COVER</b> | NICKEL-SILVER    |
| <a href="#">MS199-20F-NS</a> | 2-PIECE EMI/RFI SHIELD <b>FRAME</b> | NICKEL-SILVER    |
| <a href="#">MS199-20S-NS</a> | 1-PIECE EMI/RFI <b>SHIELD</b>       | NICKEL-SILVER    |

**TIN-PLATED STEEL:** CRS ELECTROLYTIC TINPLATE

**NICKEL-SILVER:** UNS C77000 / UNS C73500



SHIELD CONFIGURATION:

MATERIAL:

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22 HAGANAN, MODIIN 7169513 ISRAEL  
T: (+972) 8-9754681 / F: (+972) 8-9754682  
[info@masach.com](mailto:info@masach.com) / [www.masach.com](http://www.masach.com)

SHIELD TYPE:



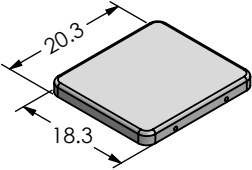
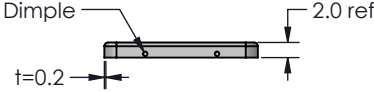
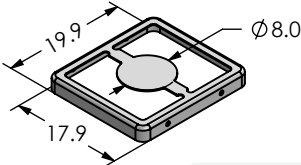
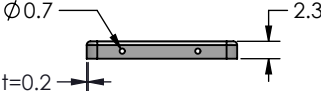
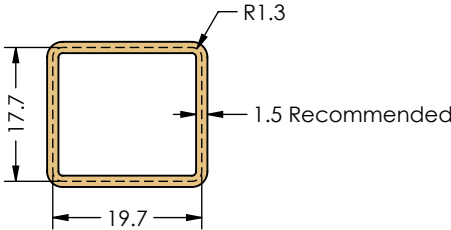
1 INCH

10 MM

MMGS / PRINT 1:1 / A4

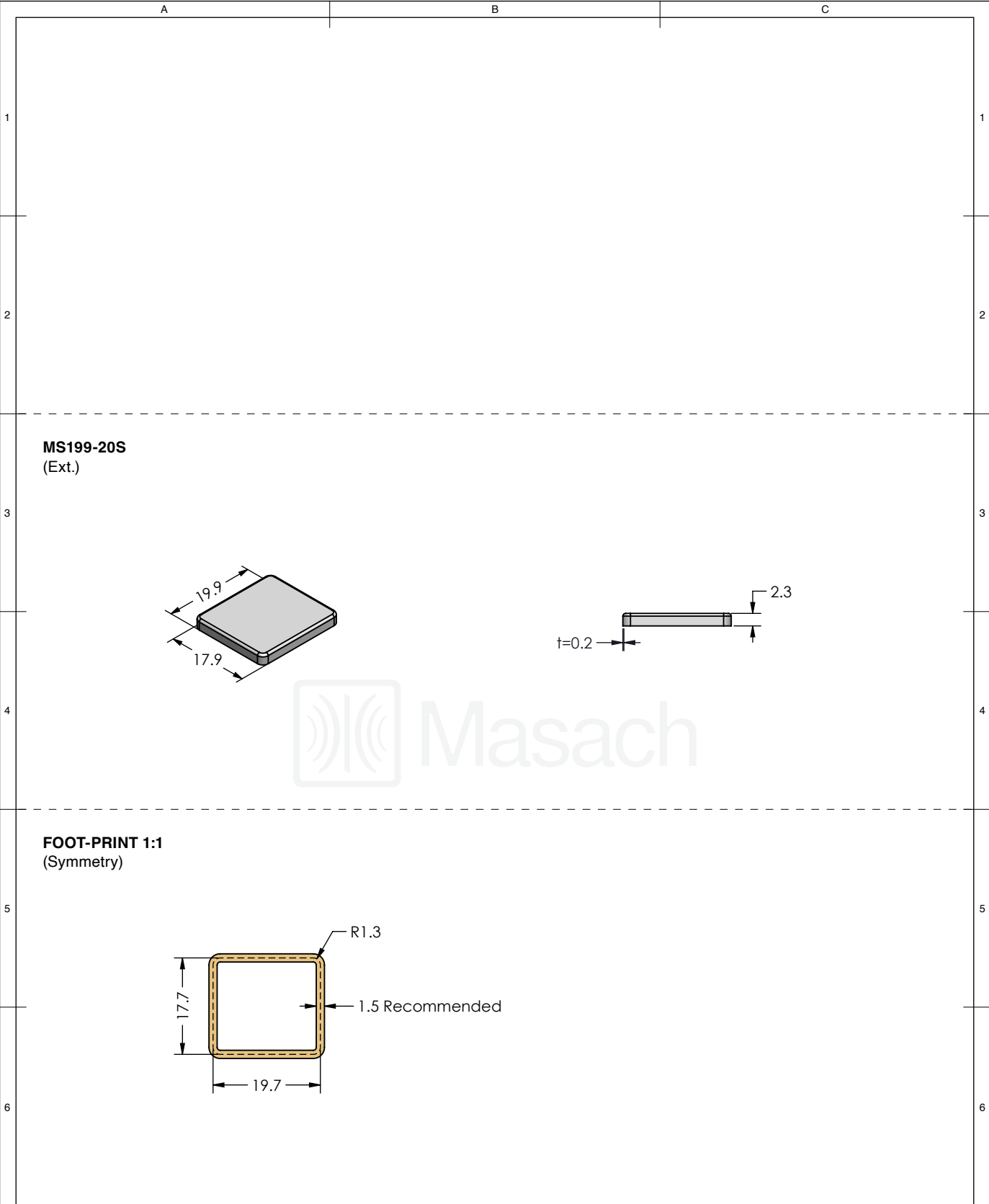
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[BACK TO TOP](#)

|                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                          |                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <div> <div>A</div> <div>B</div> <div>C</div> </div> <div> <div>1</div> <div>2</div> </div> <div> <b>MS199-20C</b><br/> (Ext.) </div> <div>  </div> <div>  </div> |                                                                                                                                          | <div> <div>1</div> <div>2</div> </div> |
| <div> <div>3</div> <div>4</div> </div> <div> <b>MS199-20F</b><br/> (Ext.) </div> <div>  </div> <div>  </div>                                                   | <div> <div>3</div> <div>4</div> </div> <div>  </div> | <div> <div>3</div> <div>4</div> </div> |
| <div> <div>5</div> <div>6</div> </div> <div> <b>FOOT-PRINT 1:1</b><br/> (Symmetry) </div> <div>  </div>                                                                                                                                          |                                                                                                                                          | <div> <div>5</div> <div>6</div> </div> |

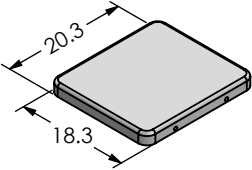
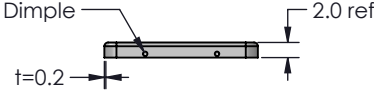
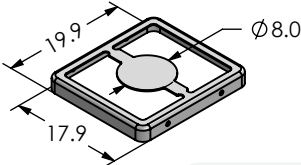
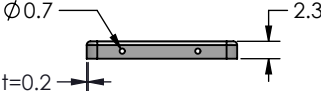
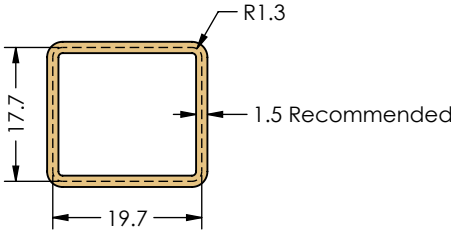
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|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------|--|---------------------------------------------------|--|
| <div></div>                                           | SHIELD CONFIGURATION:                                                 |  | MATERIAL:                                                                                                                                                                                                   |  |                                                    |  |                                                   |  |
|                                                                                                                                          | 2-PIECE EMI/RFI SHIELD                                                |  | TIN-PLATED STEEL <sup>(1)</sup>                                                                                                                                                                             |  |                                                    |  |                                                   |  |
|                                                                                                                                          | NOTE: (1) CRS ELECTROLYTIC TINPLATE (2) GENERAL TOLERANCE (+/-) 0.2MM |  |                                                                                                                                                                                                             |  |                                                    |  |                                                   |  |
| © MASACH TECH LTD.<br>22 HAGANAN, MODIIN 7169513 ISRAEL<br>T: (+972) 8-9754681 / F: (+972) 8-9754682<br>info@masach.com / www.masach.com | SHIELD TYPE:                                                          |  | <div><div></div><div></div></div> |  | <div><div></div><div>1 INCH</div><div></div></div> |  | <div><div></div><div>10 MM</div><div></div></div> |  |
|                                                                                                                                          | DRAWN-SEAMLESS EMI/RFI SHIELD                                         |  |                                                                                                                                                                                                             |  | MMGS / PRINT 1:1 / A4                              |  |                                                   |  |
|                                                                                                                                          |                                                                       |  |                                                                                                                                                                                                             |  |                                                    |  |                                                   |  |

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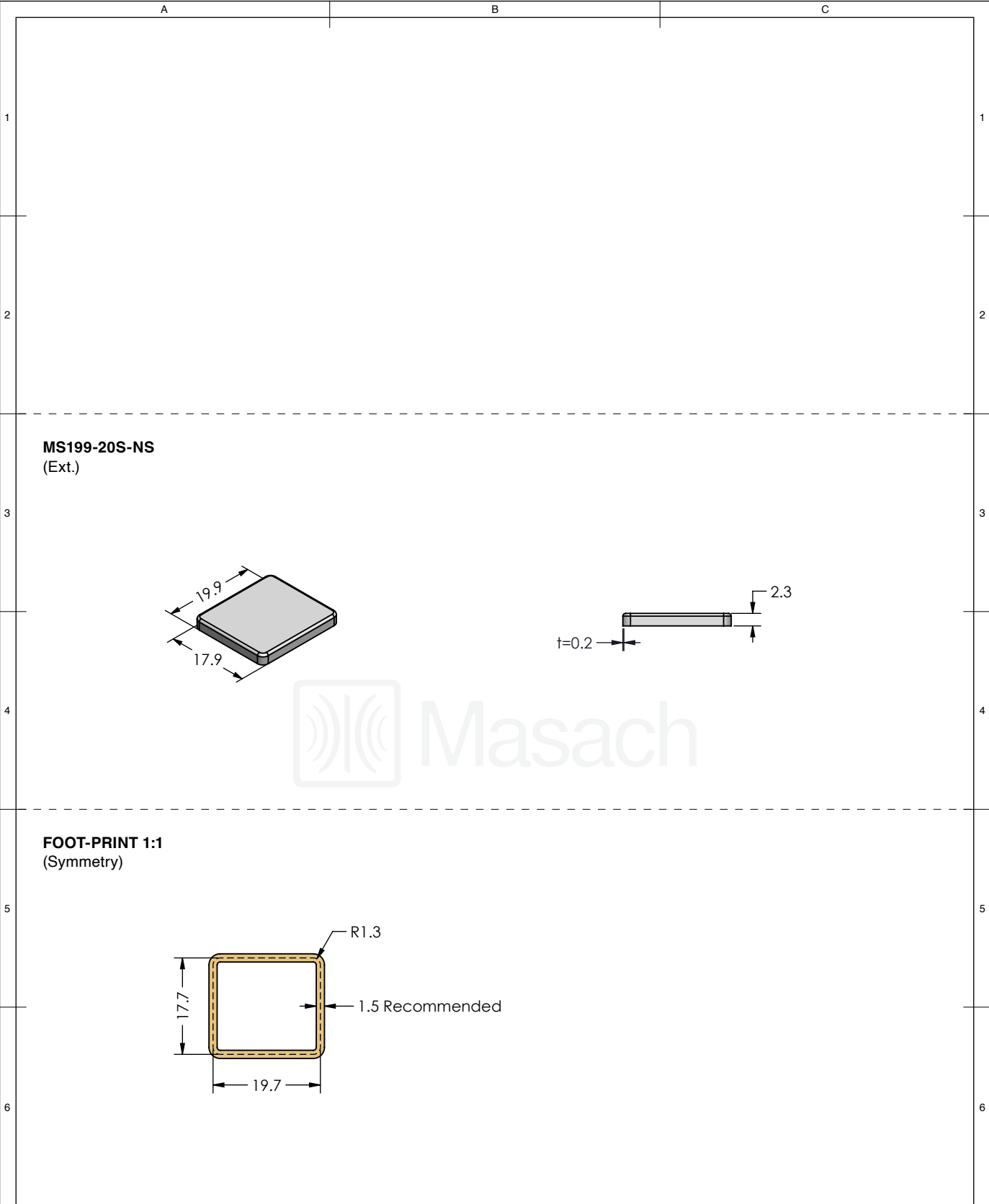
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|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| <div></div>                                           | SHIELD CONFIGURATION:                                                 |  | MATERIAL:                                                                                                                                                                             |                                                                                          |
|                                                                                                                                          | 1-PIECE EMI/RFI SHIELD                                                |  | TIN-PLATED STEEL <sup>(1)</sup>                                                                                                                                                       |                                                                                          |
|                                                                                                                                          | NOTE: (1) CRS ELECTROLYTIC TINPLATE (2) GENERAL TOLERANCE (+/-) 0.2MM |  |                                                                                                                                                                                       |                                                                                          |
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|                                                                                                                                          | DRAWN-SEAMLESS EMI/RFI SHIELD                                         |  |                                                                                                                                                                                       |                                                                                          |
|                                                                                                                                          | MMGS / PRINT 1:1 / A4                                                 |  |                                                                                                                                                                                       |                                                                                          |

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|                                                                                                                                                                                                                                                                                                                           |                                                                                                                                          |                                        |
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| <div> <div>A</div> <div>B</div> <div>C</div> </div> <div> <div>1</div> <div>2</div> </div> <div> <b>MS199-20C-NS</b><br/> (Ext.) </div> <div>   </div> |                                                                                                                                          | <div> <div>1</div> <div>2</div> </div> |
| <div> <div>3</div> <div>4</div> </div> <div> <b>MS199-20F-NS</b><br/> (Ext.) </div> <div>   </div>                                                   | <div> <div>3</div> <div>4</div> </div> <div>  </div> | <div> <div>3</div> <div>4</div> </div> |
| <div> <div>5</div> <div>6</div> </div> <div> <b>FOOT-PRINT 1:1</b><br/> (Symmetry) </div> <div>  </div>                                                                                                                                |                                                                                                                                          | <div> <div>5</div> <div>6</div> </div> |

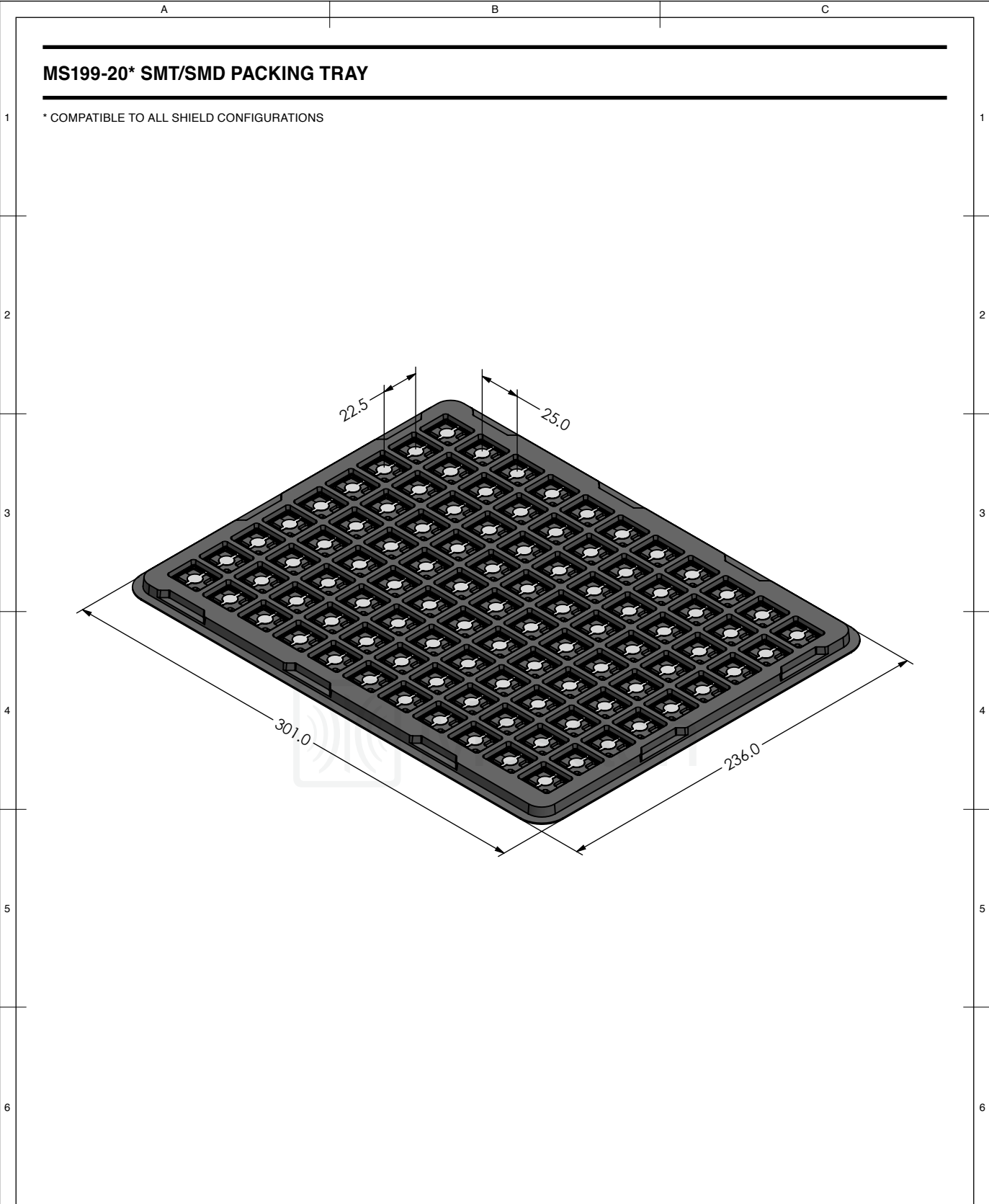
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|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------|--|
| <div></div>                                           | SHIELD CONFIGURATION:                                               |  | MATERIAL:                                                                                                                                                                                                   |  |                                              |  |
|                                                                                                                                          | 2-PIECE EMI/RFI SHIELD                                              |  | NICKEL-SILVER <sup>(1)</sup>                                                                                                                                                                                |  |                                              |  |
|                                                                                                                                          | NOTE: (1) UNS C77000 / UNS C73500 (2) GENERAL TOLERANCE (+/-) 0.2MM |  |                                                                                                                                                                                                             |  |                                              |  |
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|                                                                                                                                          | DRAWN-SEAMLESS EMI/RFI SHIELD                                       |  |                                                                                                                                                                                                             |  | MMGS / PRINT 1:1 / A4                        |  |

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|                                                                                                                                          |                                                                     |  |                                                                                                                                                                                       |                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| <div></div>                                           | SHIELD CONFIGURATION:                                               |  | MATERIAL:                                                                                                                                                                             |                                                                                                      |
|                                                                                                                                          | 1-PIECE EMI/RFI SHIELD                                              |  | NICKEL-SILVER <sup>(1)</sup>                                                                                                                                                          |                                                                                                      |
|                                                                                                                                          | NOTE: (1) UNS C77000 / UNS C73500 (2) GENERAL TOLERANCE (+/-) 0.2MM |  |                                                                                                                                                                                       |                                                                                                      |
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|                                                                                                                                          | DRAWN-SEAMLESS EMI/RFI SHIELD                                       |  |                                                                                                                                                                                       |                                                                                                      |
|                                                                                                                                          | MMGS / PRINT 1:1 / A4                                               |  |                                                                                                                                                                                       |                                                                                                      |

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|                                                                                                                                                                                                                                       |                       |                                                                                                                                |                                                    |  |                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--|---------------------------------------------------|
| <div><div><div></div><div>Masach</div></div><div><div>© MASACH TECH LTD.</div><div>22 HAGANAN, MODIIN 7169513 ISRAEL</div><div>T: (+972) 8-9754681 / F: (+972) 8-9754682</div><div>info@masach.com / www.masach.com</div></div></div> | SHIELD CONFIGURATION: |                                                                                                                                | MATERIAL:                                          |  |                                                   |
|                                                                                                                                                                                                                                       |                       |                                                                                                                                |                                                    |  |                                                   |
|                                                                                                                                                                                                                                       |                       |                                                                                                                                |                                                    |  |                                                   |
|                                                                                                                                                                                                                                       | SHIELD TYPE:          | <div><div><div></div><div>RoHS</div><div>Compliant</div></div><div><div></div><div>REACH</div><div>Compliant</div></div></div> | <div><div></div><div>1 INCH</div><div></div></div> |  | <div><div></div><div>10 MM</div><div></div></div> |
|                                                                                                                                                                                                                                       |                       |                                                                                                                                |                                                    |  |                                                   |
| MMGS / PRINT 1:1 / A4                                                                                                                                                                                                                 |                       |                                                                                                                                |                                                    |  |                                                   |

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