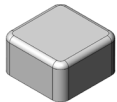


# MS110-20\*

## DRAWN EMI/RFI SHIELD DATA-SHEET

### \*OPTIONAL SHIELD CONFIGURATIONS

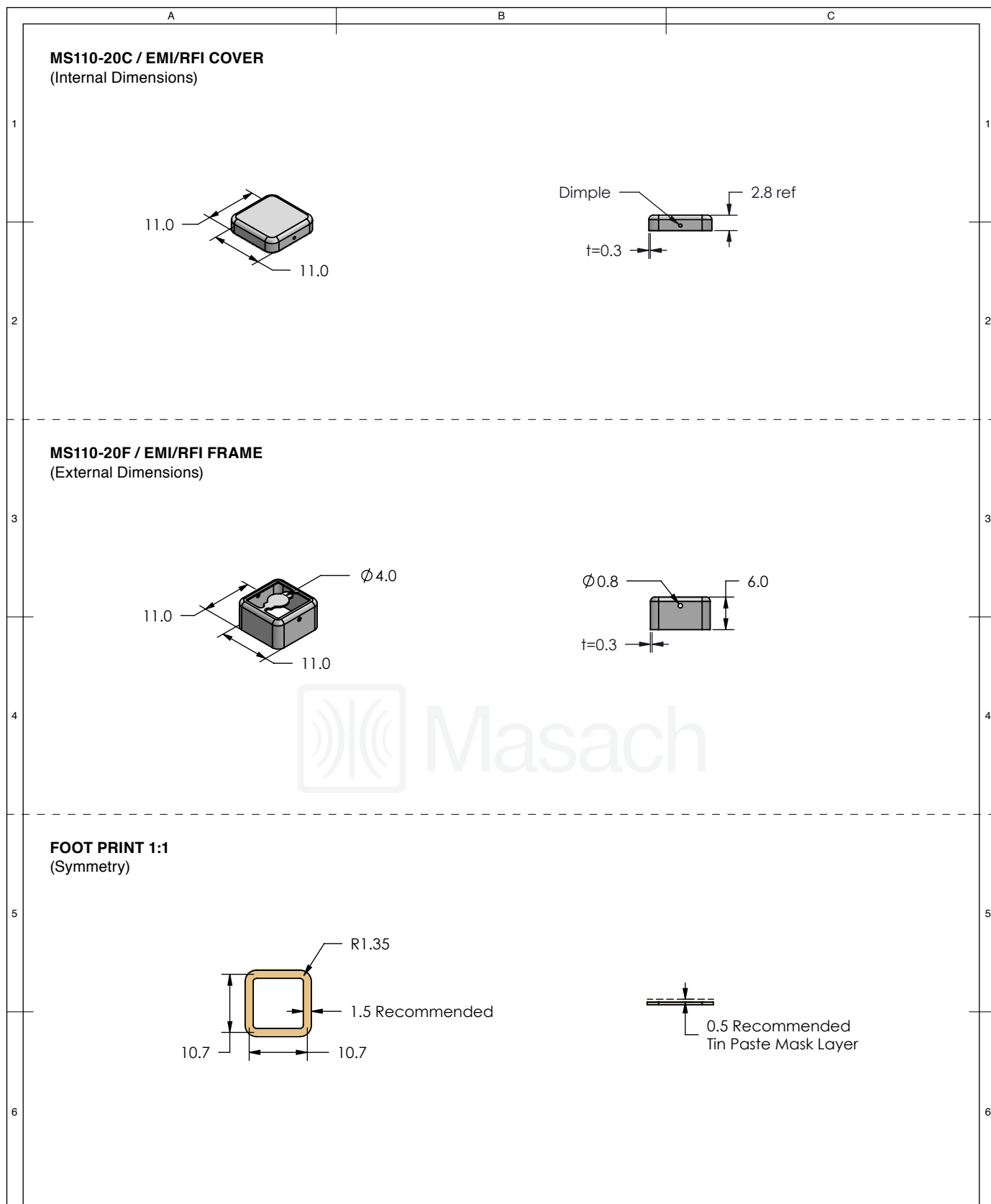
| MS SHIELD                                                                          | MS SET PN.  | MS ITEM PN.  | DESCRIPTION            | RAW MATERIAL    |
|------------------------------------------------------------------------------------|-------------|--------------|------------------------|-----------------|
|   | MS110-20    | MS110-20C    | TWO-PIECE SHIELD COVER | TIN STEEL*      |
|                                                                                    |             | MS110-20F    | TWO-PIECE SHIELD FRAME |                 |
|                                                                                    | MS110-20-NS | MS110-20C-NS | TWO-PIECE SHIELD COVER | NICKEL SILVER** |
|                                                                                    |             | MS110-20F-NS | TWO-PIECE SHIELD FRAME |                 |
|  |             | MS110-20S    | ONE-PIECE SHIELD       | TIN STEEL*      |
|                                                                                    |             | MS110-20S-NS | ONE-PIECE SHIELD       | NICKEL SILVER** |

\* TIN-PLATED STEEL: CRS ELECTROLYTIC TINPLATE  
\*\* NICKEL SILVER: UNS C77000 / UNS C73500



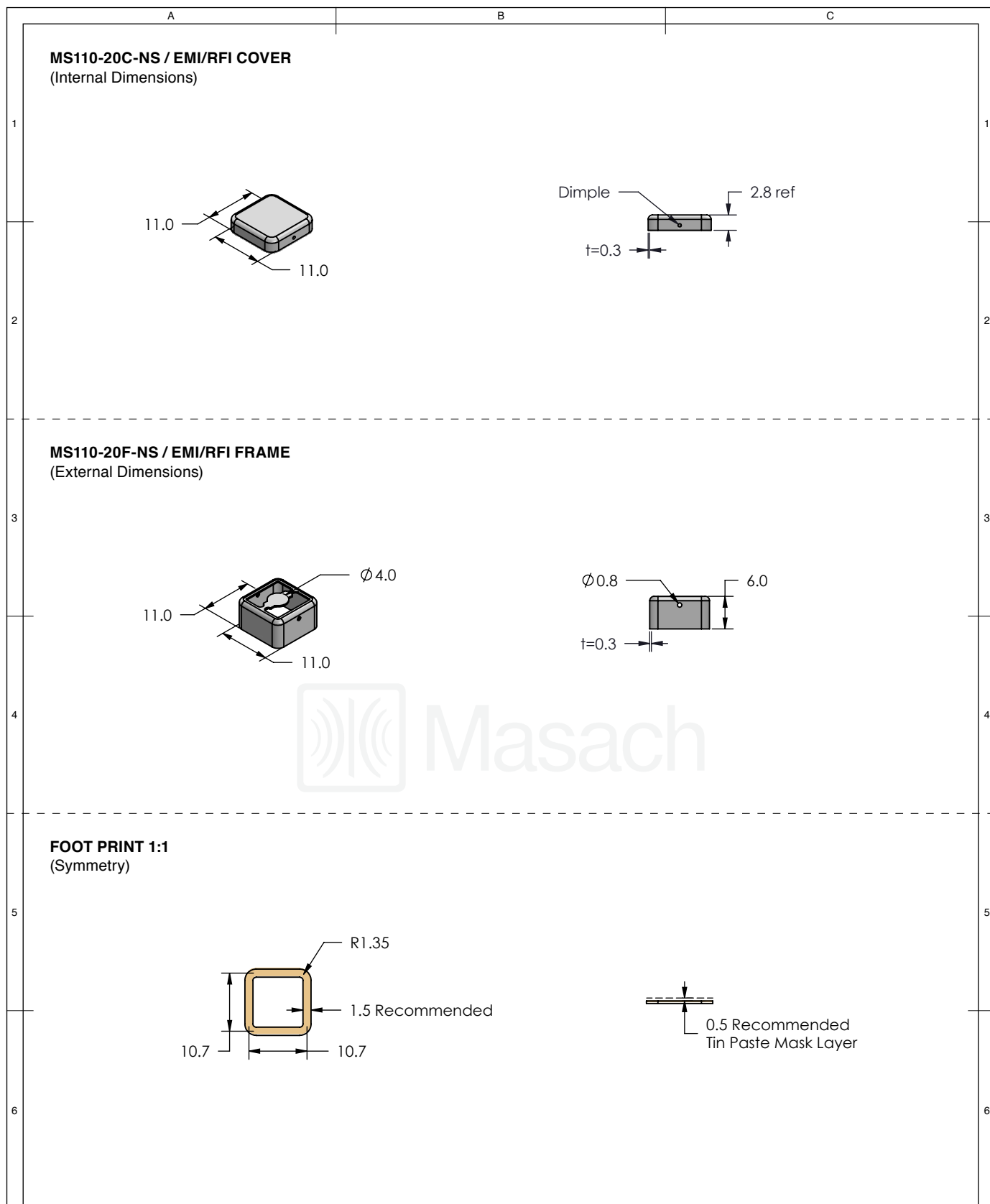
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T: (+972) 8-9754681 / F: (+972) 8-9754682  
info@masach.com / www.masach.com

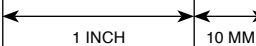
|                                  |                                                                                                                                                                                                                        |           |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| MS PN:                           | DESCRIPTION:                                                                                                                                                                                                           | MATERIAL: |
|                                  |                                                                                                                                                                                                                        |           |
| SHIELD TYPE:                     | <div><div></div><div>1 INCH10 MM</div></div> |           |
| SEAMLESS PROTECTIVE EMI/RFI CAGE | MMGS / PRINT 1:1 / A4                                                                                                                                                                                                  |           |



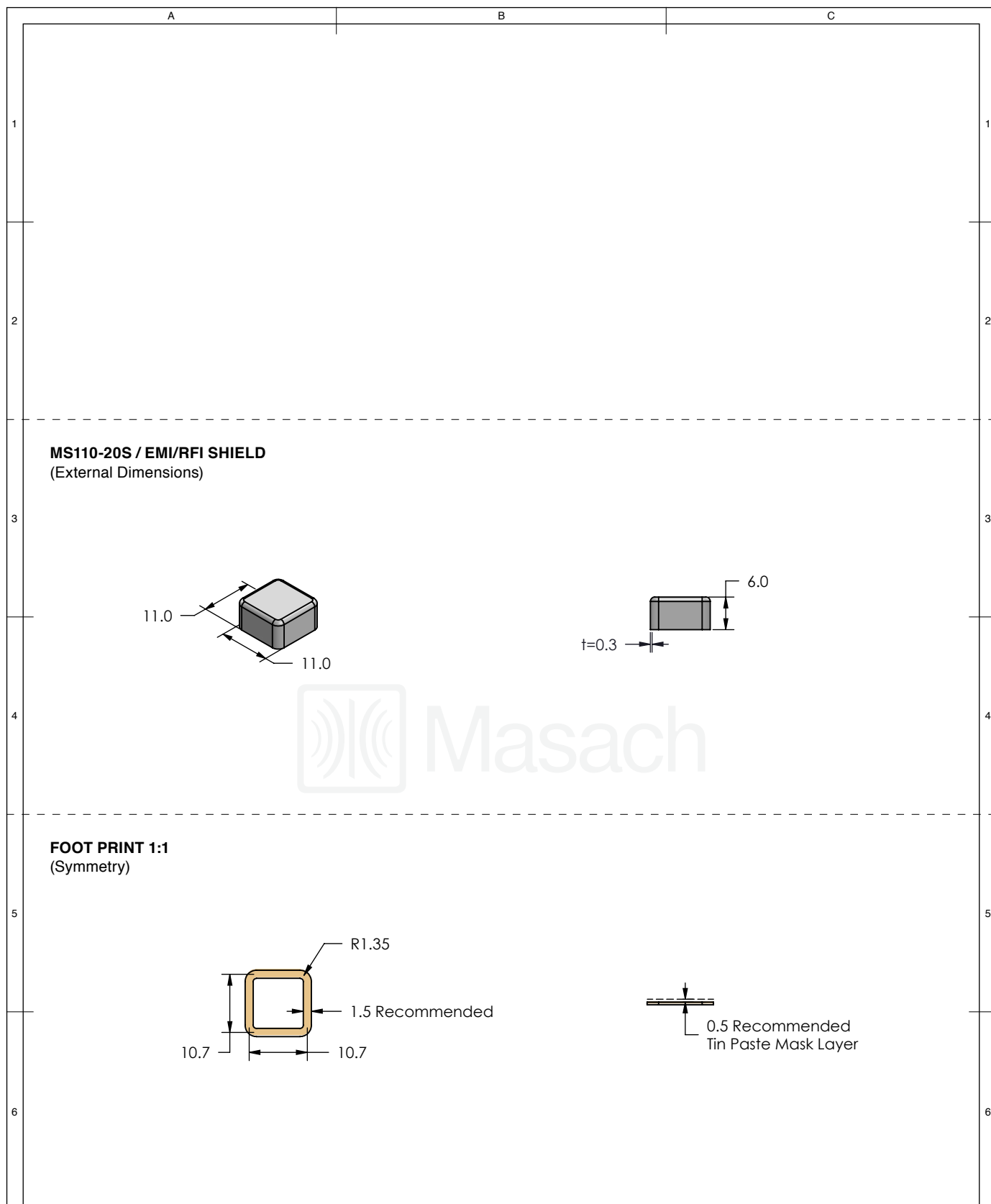
|                                                                                                                                                        |                                                                       |                                                                                                                                                                                                                                                                                                 |                                                    |                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------|
| <div> Masach</div>                                                  | MS SET PN:                                                            | DESCRIPTION:                                                                                                                                                                                                                                                                                    | MATERIAL:                                          |                                                   |
|                                                                                                                                                        | MS110-20                                                              | TWO-PIECE EMI/RF SHIELD                                                                                                                                                                                                                                                                         | TIN PLATED STEEL <sup>(1)</sup>                    |                                                   |
|                                                                                                                                                        | NOTE: (1) CRS ELECTROLYTIC TINPLATE (2) GENERAL TOLERANCE (+/-) 0.2MM |                                                                                                                                                                                                                                                                                                 |                                                    |                                                   |
| <div>© 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</div> | SHIELD TYPE:                                                          | <div><div><div>RoHS<br/>compliant</div></div><div><div>ISO 9001:2015<br/>IQC<br/>Quality Management</div></div></div> | <div><div></div><div>1 INCH</div><div></div></div> | <div><div></div><div>10 MM</div><div></div></div> |
|                                                                                                                                                        | SEAMLESS PROTECTIVE EMI/RFI CAGE                                      |                                                                                                                                                                                                                                                                                                 | MMGS / PRINT 1:1 / A4                              |                                                   |
|                                                                                                                                                        |                                                                       |                                                                                                                                                                                                                                                                                                 |                                                    |                                                   |

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|                                                                                                                                                                                                                   |                                                                            |                                                                                                                                                                             |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                                                                                                | MS SET PN:                                                                 | DESCRIPTION:                                                                                                                                                                | MATERIAL:                                                                             |
|                                                                                                                                                                                                                   | <b>MS110-20-NS</b>                                                         | <b>TWO-PIECE EMI/RF SHIELD</b>                                                                                                                                              | <b>NICKEL SILVER <sup>(1)</sup></b>                                                   |
|                                                                                                                                                                                                                   | <b>NOTE:</b> (1) UNS C77000 / UNS C73500 (2) GENERAL TOLERANCE (+/-) 0.2MM |                                                                                                                                                                             |                                                                                       |
| © MASACH TECH LTD.<br>22 HAGANAN, MODIIN 7169513 ISRAEL<br>T: (+972) 8-9754681 / F: (+972) 8-9754682<br><a href="mailto:info@masach.com">info@masach.com</a> / <a href="http://www.masach.com">www.masach.com</a> | SHIELD TYPE:                                                               |   |  |
|                                                                                                                                                                                                                   | <b>SEAMLESS PROTECTIVE EMI/RFI CAGE</b>                                    |                                                                                                                                                                             | MMGS / PRINT 1:1 / A4                                                                 |

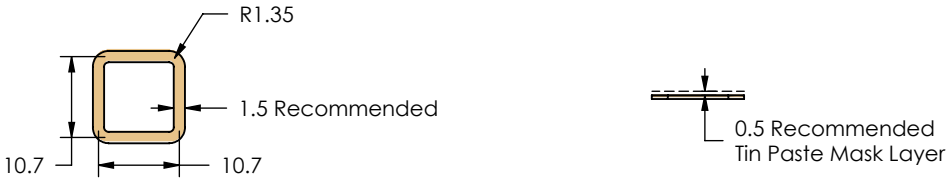
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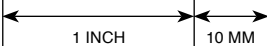


**MS110-20S / EMI/RFI SHIELD**  
(External Dimensions)

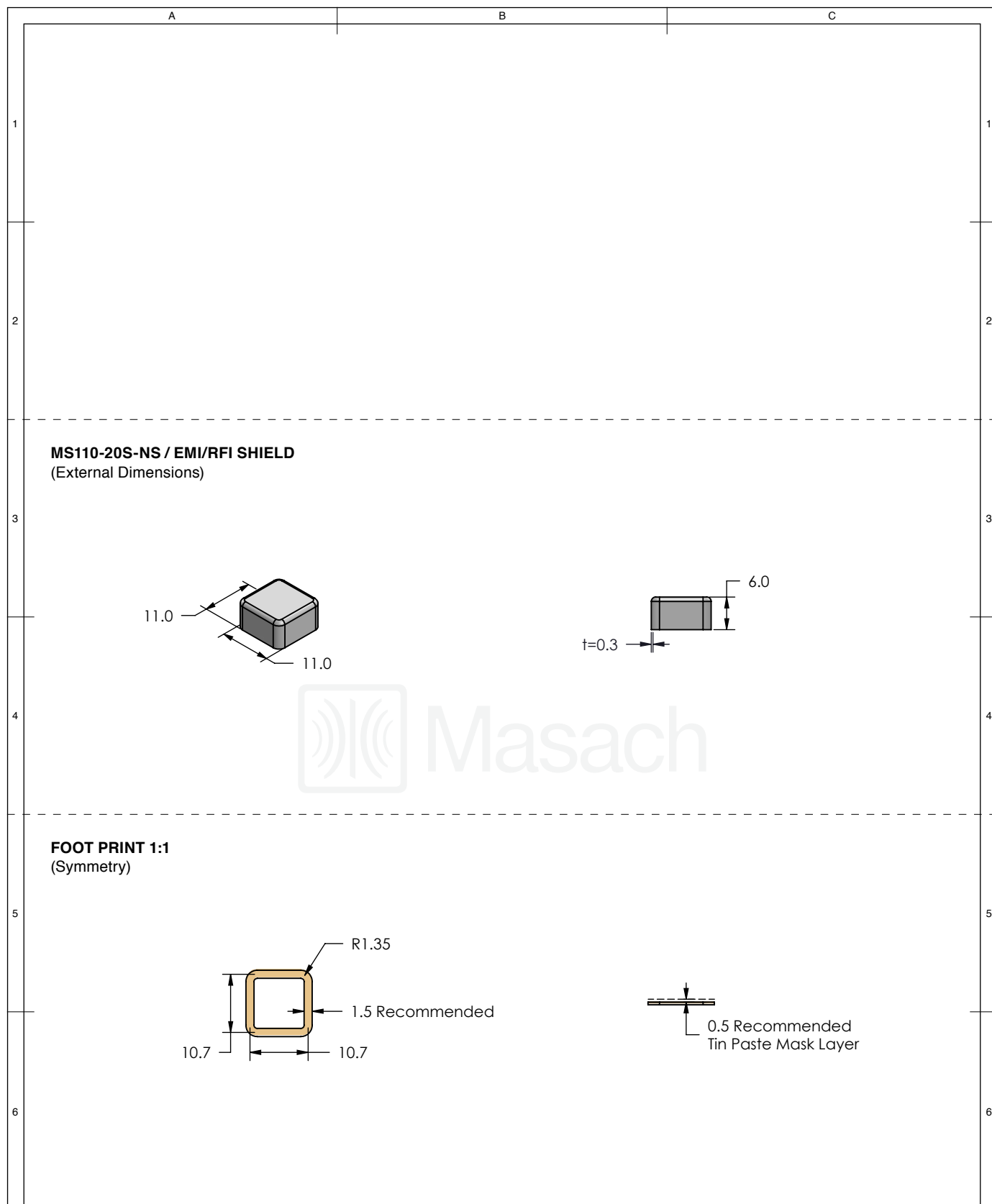


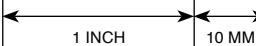
**FOOT PRINT 1:1**  
(Symmetry)



|                                                                                                                                                                                                                   |                                                                              |                                                                                                                                                                             |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                                                                                                | MS ITEM PN:                                                                  | DESCRIPTION:                                                                                                                                                                | MATERIAL:                                                                             |
|                                                                                                                                                                                                                   | <b>MS110-20S</b>                                                             | <b>ONE-PIECE EMI/RF SHIELD</b>                                                                                                                                              | <b>TIN PLATED STEEL <sup>(1)</sup></b>                                                |
|                                                                                                                                                                                                                   | <b>NOTE:</b> (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><a href="mailto:info@masach.com">info@masach.com</a> / <a href="http://www.masach.com">www.masach.com</a> | SHIELD TYPE:                                                                 |   |  |
|                                                                                                                                                                                                                   | <b>SEAMLESS PROTECTIVE EMI/RFI CAGE</b>                                      |                                                                                                                                                                             | MMGS / PRINT 1:1 / A4                                                                 |

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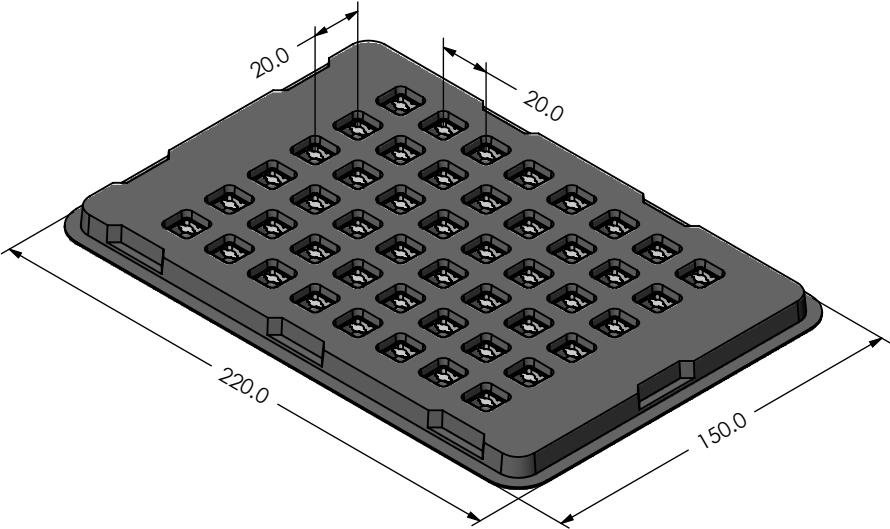


|                                                                                                                                                                                                                   |                                                                            |                                                                                                                                                                             |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  <b>Masach</b>                                                                                                                 | MS ITEM PN:                                                                | DESCRIPTION:                                                                                                                                                                | MATERIAL:                                                                             |
|                                                                                                                                                                                                                   | <b>MS110-20S-NS</b>                                                        | <b>ONE-PIECE EMI/RF SHIELD</b>                                                                                                                                              | <b>NICKEL SILVER <sup>(1)</sup></b>                                                   |
|                                                                                                                                                                                                                   | <b>NOTE:</b> (1) UNS C77000 / UNS C73500 (2) GENERAL TOLERANCE (+/-) 0.2MM |                                                                                                                                                                             |                                                                                       |
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|                                                                                                                                                                                                                   | <b>SEAMLESS PROTECTIVE EMI/RFI CAGE</b>                                    |                                                                                                                                                                             | MMGS / PRINT 1:1 / A4                                                                 |

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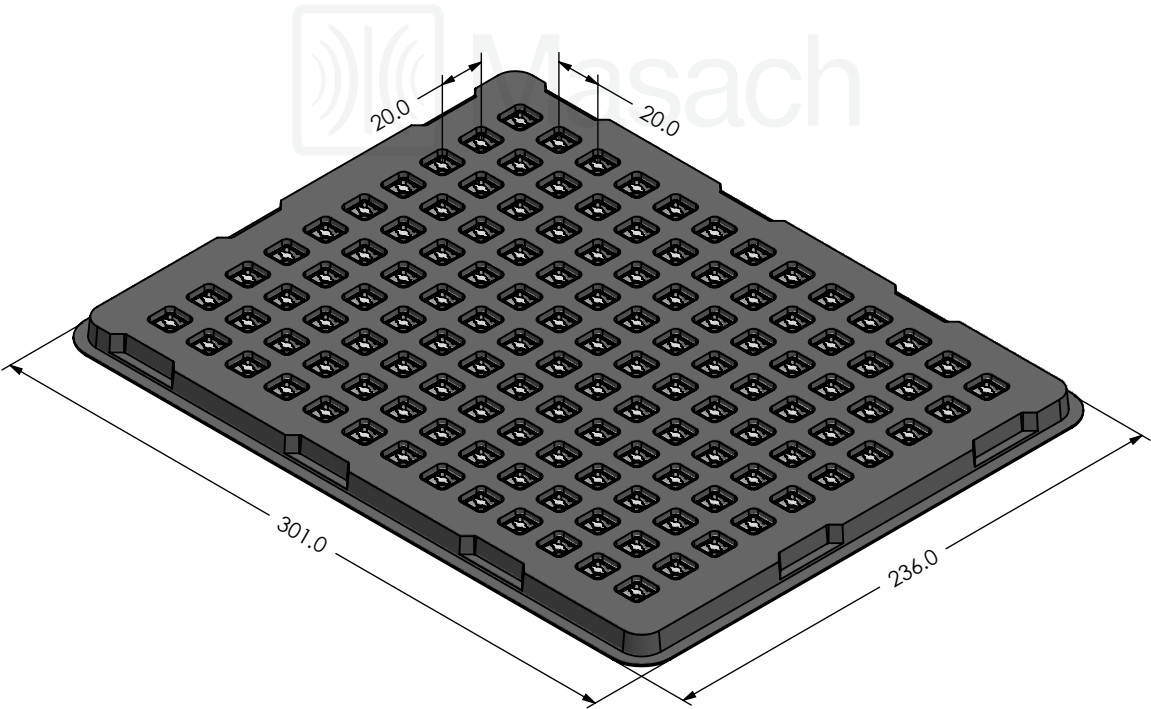
MS110-20\* / SMALL PACKING TRAY / SMD

\* COMPATIBLE TO ALL SHIELD CONFIGURATIONS



MS110-20\* / LARGE PACKING TRAY / SMD

\* COMPATIBLE TO ALL SHIELD CONFIGURATIONS



|                                                                                                                                                        |                                  |                                                                                                                                                                                       |                                                                     |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--|
| <div>Masach</div>                                                   | MS PN:                           | DESCRIPTION:                                                                                                                                                                          | MATERIAL:                                                           |  |
|                                                                                                                                                        |                                  |                                                                                                                                                                                       |                                                                     |  |
|                                                                                                                                                        |                                  |                                                                                                                                                                                       |                                                                     |  |
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|                                                                                                                                                        | SEAMLESS PROTECTIVE EMI/RFI CAGE |                                                                                                                                                                                       | MMGS / PRINT 1:1 / A4                                               |  |
|                                                                                                                                                        |                                  |                                                                                                                                                                                       |                                                                     |  |

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