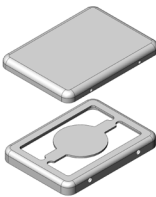
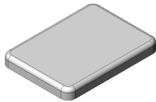


MS190-10*

DRAWN EMI/RFI SHIELD DATA-SHEET

*OPTIONAL SHIELD CONFIGURATIONS

MS SHIELD	MS SET PN.	MS ITEM PN.	DESCRIPTION	RAW MATERIAL
	MS190-10	MS190-10C	TWO-PIECE SHIELD COVER	TIN STEEL*
		MS190-10F	TWO-PIECE SHIELD FRAME	
	MS190-10-NS	MS190-10C-NS	TWO-PIECE SHIELD COVER	NICKEL SILVER**
		MS190-10F-NS	TWO-PIECE SHIELD FRAME	
		MS190-10S	ONE-PIECE SHIELD	TIN STEEL*
		MS190-10S-NS	ONE-PIECE SHIELD	NICKEL SILVER**

* TIN-PLATED STEEL: CRS ELECTROLYTIC TINPLATE

** NICKEL SILVER: UNS C77000 / UNS C73500



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info@masach.com / www.masach.com

MS PN:

DESCRIPTION:

MATERIAL:

SHIELD TYPE:

SEAMLESS PROTECTIVE EMI/RFI CAGE



1 INCH

10 MM

MMGS / PRINT 1:1 / A4

A B C

MS190-10C / EMI/RFI COVER (Internal Dimensions)

Isometric view of the MS190-10C EMI/RFI cover. The dimensions shown are 19.0 and 13.9.

Side view of the MS190-10C EMI/RFI cover. It shows a dimple, a thickness $t=0.2$, and a height of 1.7.

MS190-10F / EMI/RFI FRAME (External Dimensions)

Isometric view of the MS190-10F EMI/RFI frame. The dimensions shown are 19.0, 13.9, and a central hole of diameter $\varnothing 8.0$.

Side view of the MS190-10F EMI/RFI frame. It shows a central hole of diameter $\varnothing 0.8$, a thickness $t=0.3$, and a height of 2.0.

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FOOT PRINT 1:1 (Symmetry)

Foot print diagram showing a rectangular shape with dimensions 13.6, 18.7, and a recommended thickness of 1.5. The corner radius is R1.35.

Foot print diagram showing a rectangular shape with a recommended tin paste mask layer of 0.5.



MATERIAL:

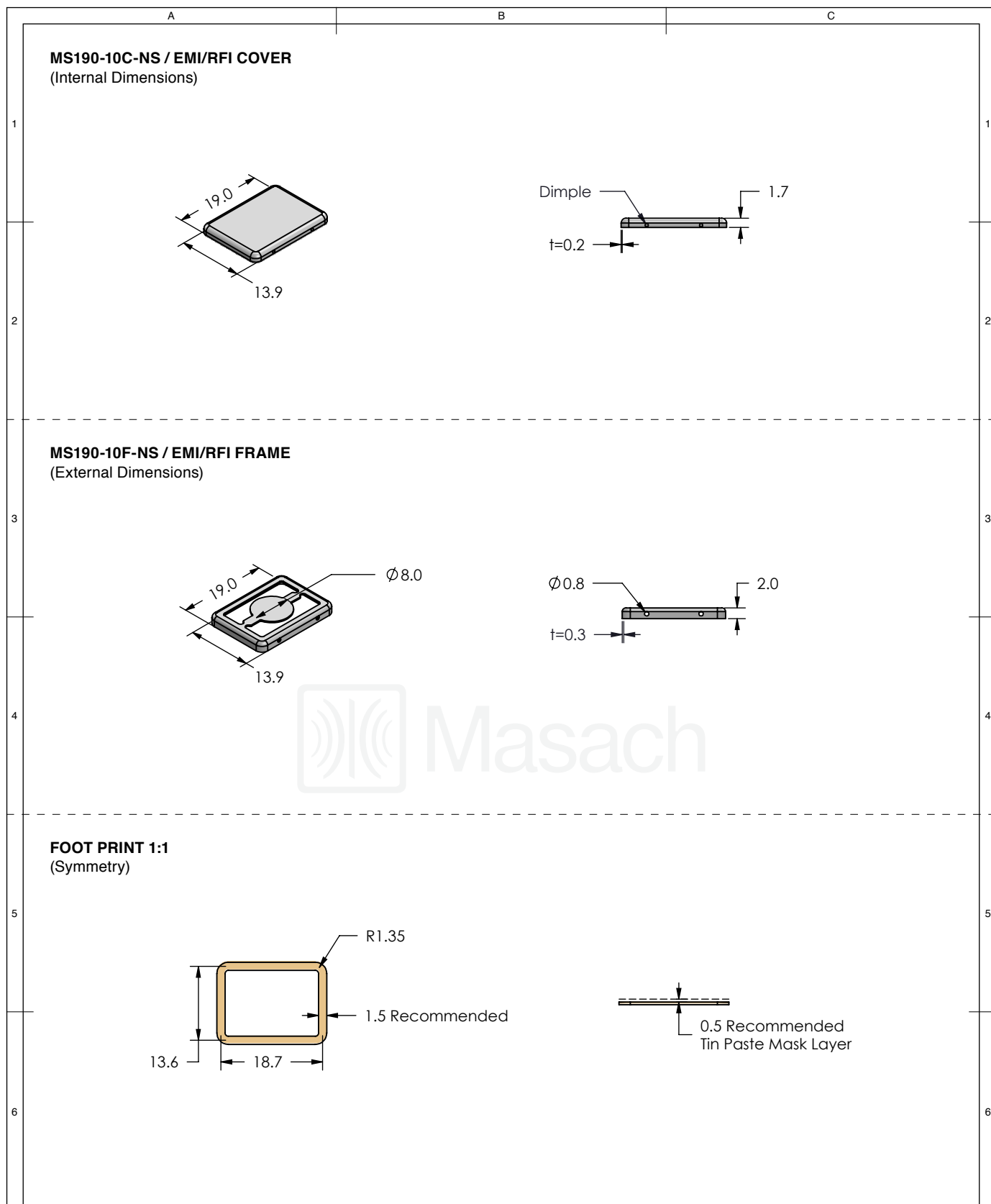
TIN PLATED STEEL (1)

SEAMLESS PROTECTIVE EMI/RFI CAGE



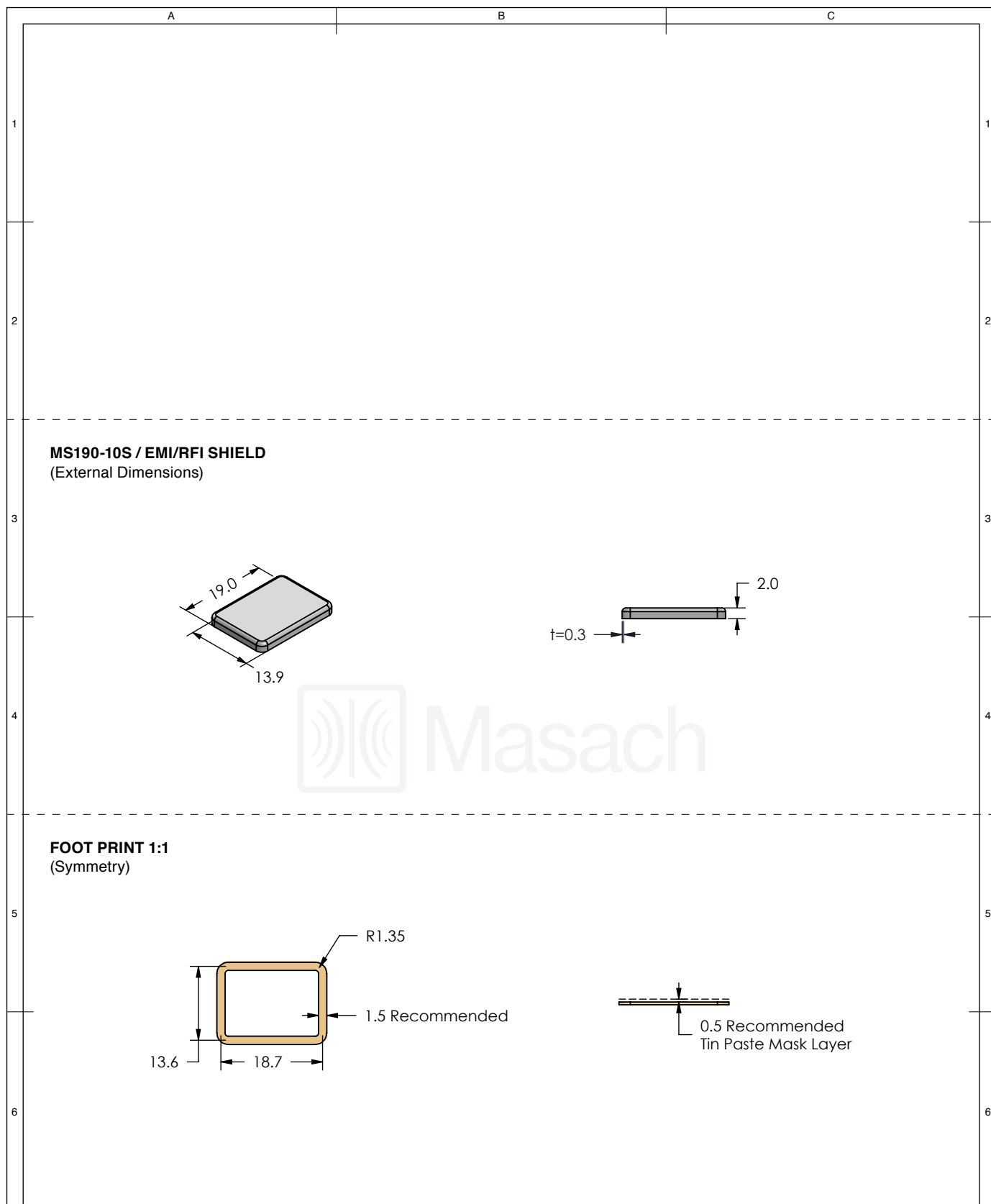
MMGS / PRINT 1:1 / A4

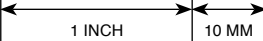
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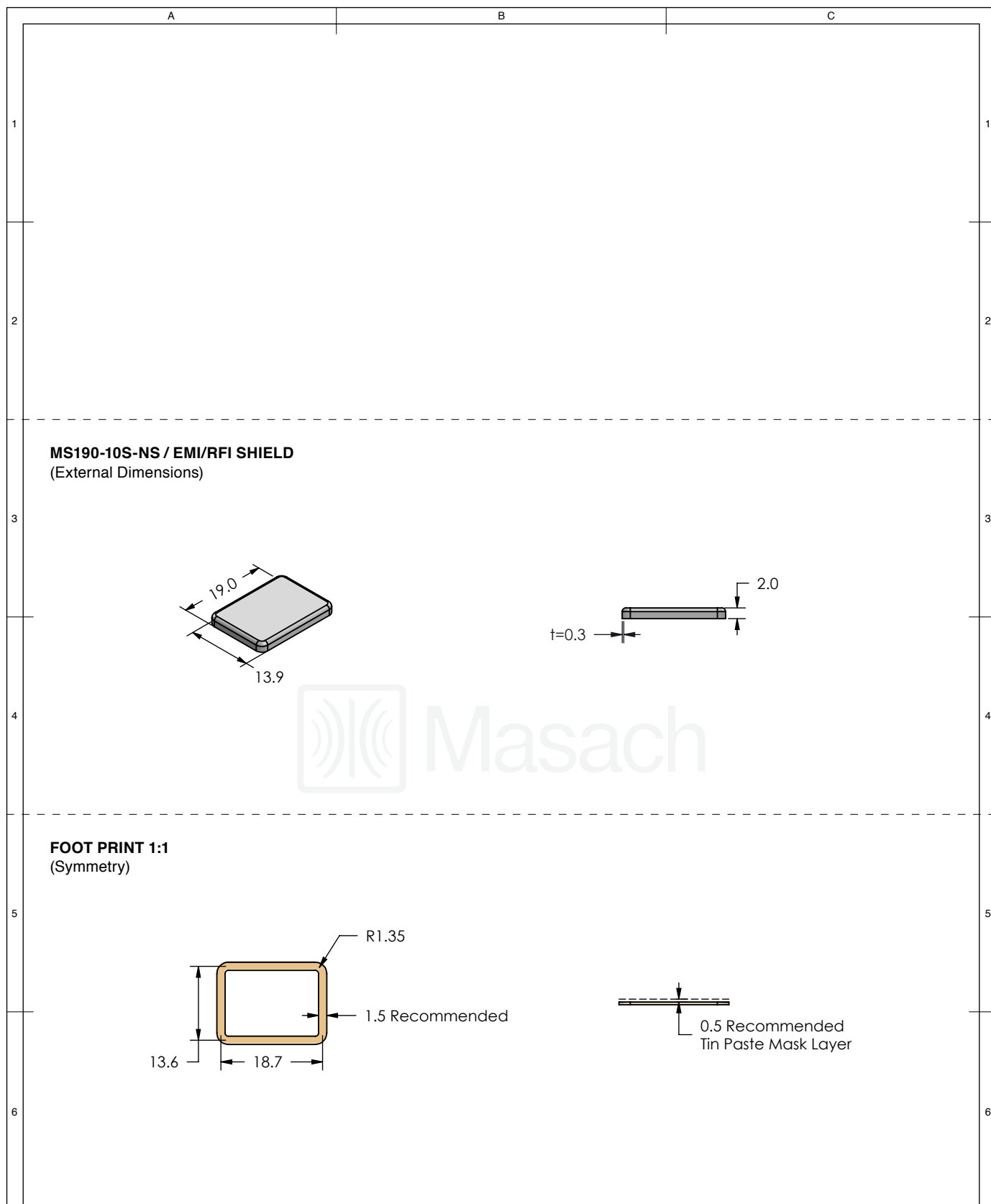
 Masach	MS SET PN:	DESCRIPTION:	MATERIAL:	
	MS190-10-NS	TWO-PIECE EMI/RF SHIELD	NICKEL SILVER ⁽¹⁾	
	NOTE: (1) UNS C77000 / UNS C73500 (2) GENERAL TOLERANCE (+/-) 0.2MM			
© MASACH TECH LTD. 22 HAGANAN, MODIIN 7169513 ISRAEL T: (+972) 8-9754681 / F: (+972) 8-9754682 info@masach.com / www.masach.com	SHIELD TYPE:	 RoHS compliant  ISO 9001:2015 IQC Quality Management	1 INCH	10 MM
	SEAMLESS PROTECTIVE EMI/RFI CAGE		MMGS / PRINT 1:1 / A4	

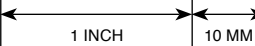
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	MS ITEM PN:	DESCRIPTION:	MATERIAL:
	MS190-10S	ONE-PIECE EMI/RF SHIELD	TIN PLATED STEEL ⁽¹⁾
	NOTE: (1) CRS ELECTROLYTIC TINPLATE (2) GENERAL TOLERANCE (+/-) 0.2MM		
© MASACH TECH LTD. 22 HAGANAN, MODIIN 7169513 ISRAEL T: (+972) 8-9754681 / F: (+972) 8-9754682 info@masach.com / www.masach.com	SHIELD TYPE:	 	
	SEAMLESS PROTECTIVE EMI/RFI CAGE		MMGS / PRINT 1:1 / A4

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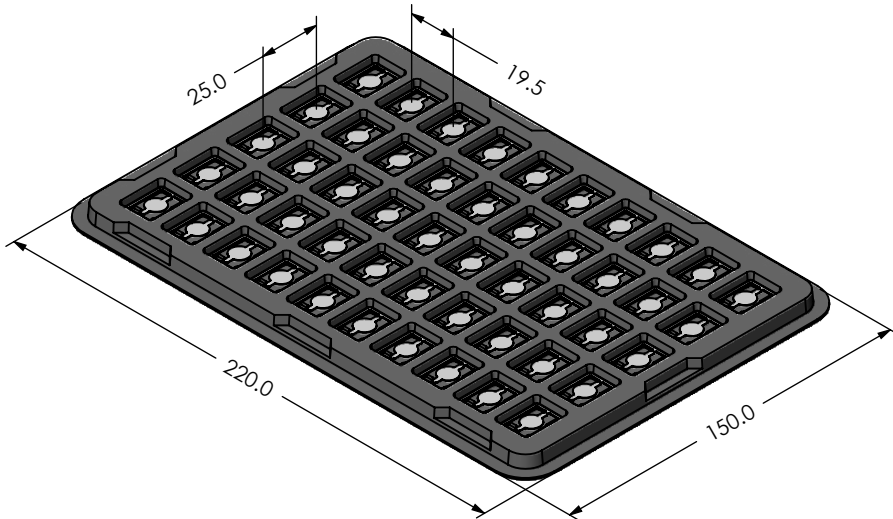


	MS ITEM PN:	DESCRIPTION:	MATERIAL:
	MS190-10S-NS	ONE-PIECE EMI/RF SHIELD	NICKEL SILVER ⁽¹⁾
	NOTE: (1) UNS C77000 / UNS C73500 (2) GENERAL TOLERANCE (+/-) 0.2MM		
© MASACH TECH LTD. 22 HAGANAN, MODIIN 7169513 ISRAEL T: (+972) 8-9754681 / F: (+972) 8-9754682 info@masach.com / www.masach.com	SHIELD TYPE:	 	
	SEAMLESS PROTECTIVE EMI/RFI CAGE		MMGS / PRINT 1:1 / A4

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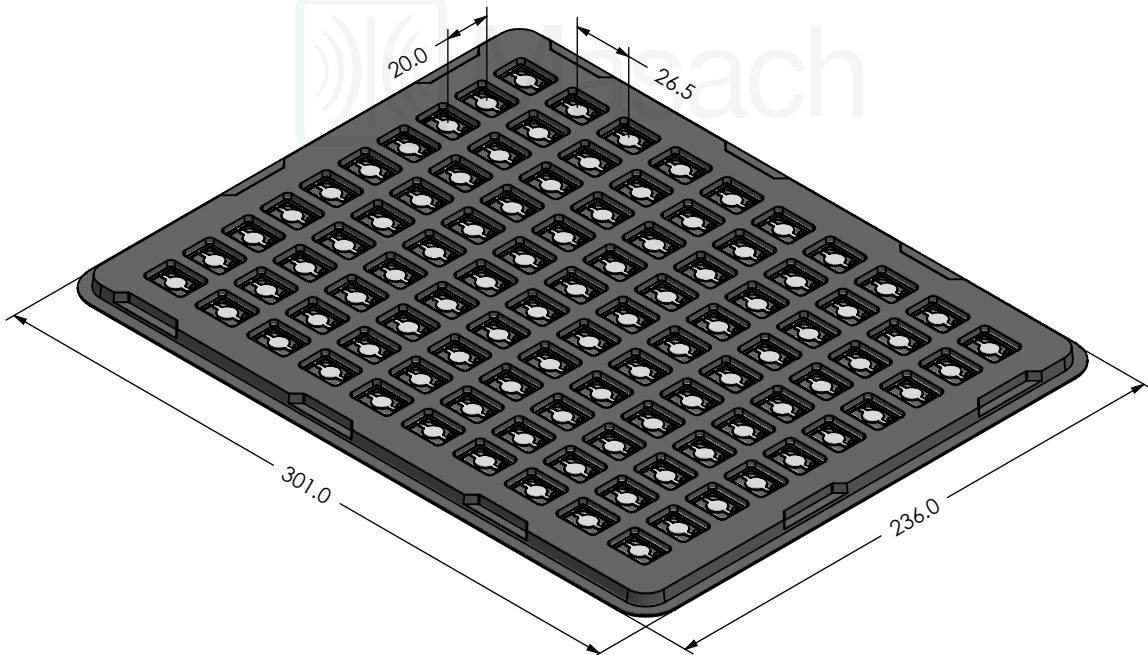
MS190-10* / SMALL PACKING TRAY / SMD

* COMPATIBLE TO ALL SHIELD CONFIGURATIONS



MS190-10* / LARGE PACKING TRAY / SMD

* COMPATIBLE TO ALL SHIELD CONFIGURATIONS



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MS PN:

DESCRIPTION:

MATERIAL:

SHIELD TYPE:

SEAMLESS PROTECTIVE EMI/RFI CAGE



1 INCH

10 MM

MMGS / PRINT 1:1 / A4

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Mouser Electronics

Authorized Distributor

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[MS190-10S](#)