



Model: RFID module
 Novexx Solutions GmbH
 Ohmstrasse 3, D - 85386 Eching
 FCC ID: 2AHDWM7ERUMODULE
 IC: 33839-M7ERUMODULE

NOVEXX
 SOLUTIONS

1/4 1/2 3/4 1 1/4 1/2 3/4 2 1/4 1/2 3/4 3

Copper Thickness
 0.5±0.69MILs/17.5µm
 1oz±1.37 MILs/ 35 µm
 2oz±2.74 MILs/ 70 µm

M6 M5 M4 M3 M2.5 M2
 #252MIL 209 169 126 106 86.6
MACHINE SCREW HOLES-TIGHT
 #2 #4 #6 #8 #10 1/4"
 #9MIL 116 144 170 196 #257MIL

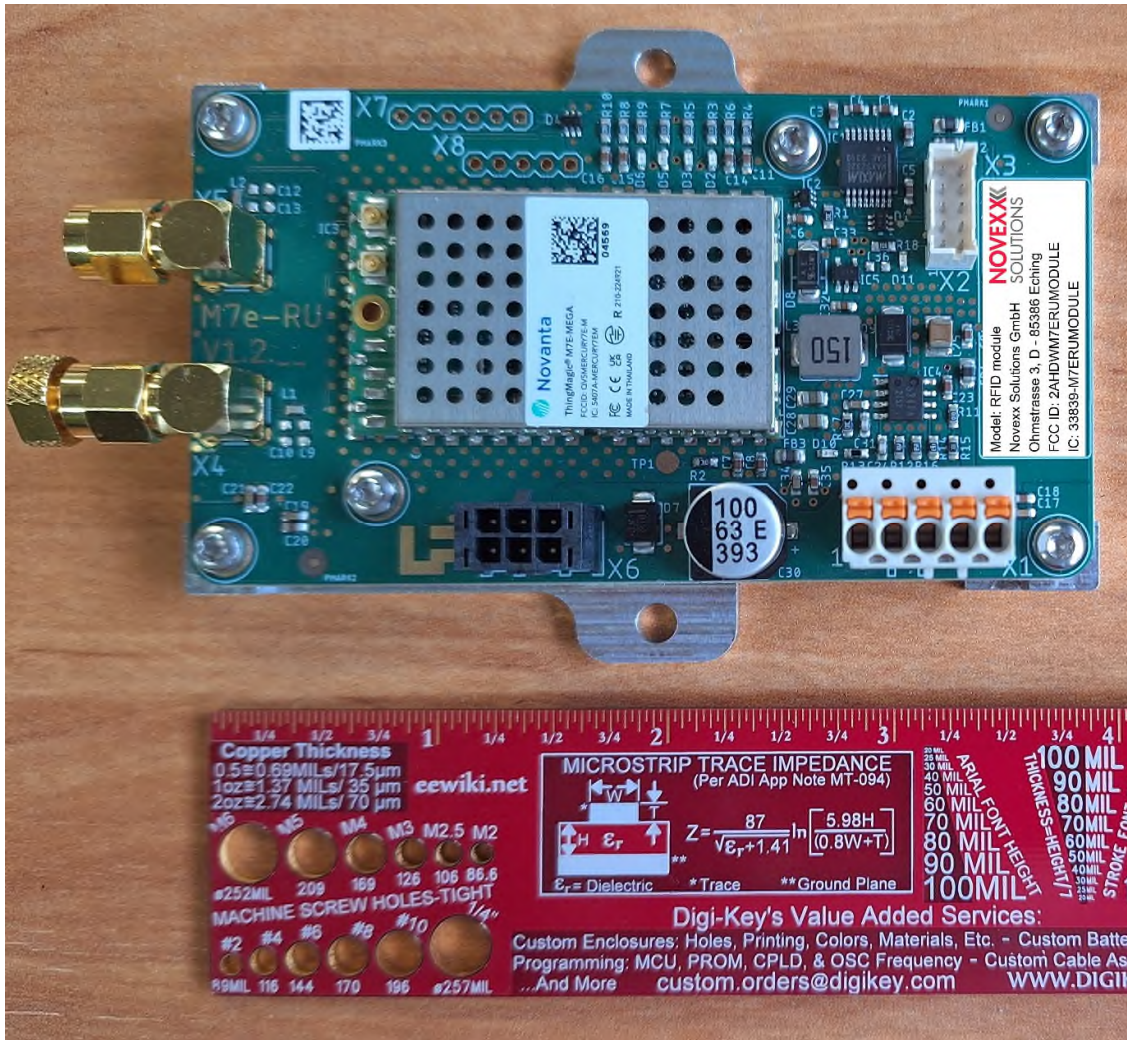
MICROSTRIP TRACE IMPEDANCE
 (Per ADI App Note MT-094)



$$Z = \frac{87}{\sqrt{\epsilon_r + 1.41}} \ln \left[\frac{5.98H}{(0.8W + T)} \right]$$

ε_r = Dielectric * Trace ** Ground Plane

Digi-Key's Value Added
 Custom Enclosures: Holes, Printing, Colors, Material
 Programming: MCU, PROM, CPLD, & OSC Frequency
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ewiki.net

MACHINE SCREW HOLES-TIGHT

#	2	4	6	8	10	1/4"
Ø	252MIL	209	169	126	106	86.6
Ø	89MIL	116	144	170	196	257MIL

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Digi-Key's Value Added Services:
Custom Enclosures: Holes, Printing, Colors, Materials, Etc. - Custom Battery Programming: MCU, PROM, CPLD, & OSC Frequency - Custom Cable Assembly... And More
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ARIAL FONT HEIGHT

THICKNESS=HEIGHT	100 MIL	90 MIL	80 MIL	70 MIL	60 MIL	50 MIL	40 MIL	30 MIL	20 MIL
1	100MIL	90MIL	80MIL	70MIL	60MIL	50MIL	40MIL	30MIL	20MIL

