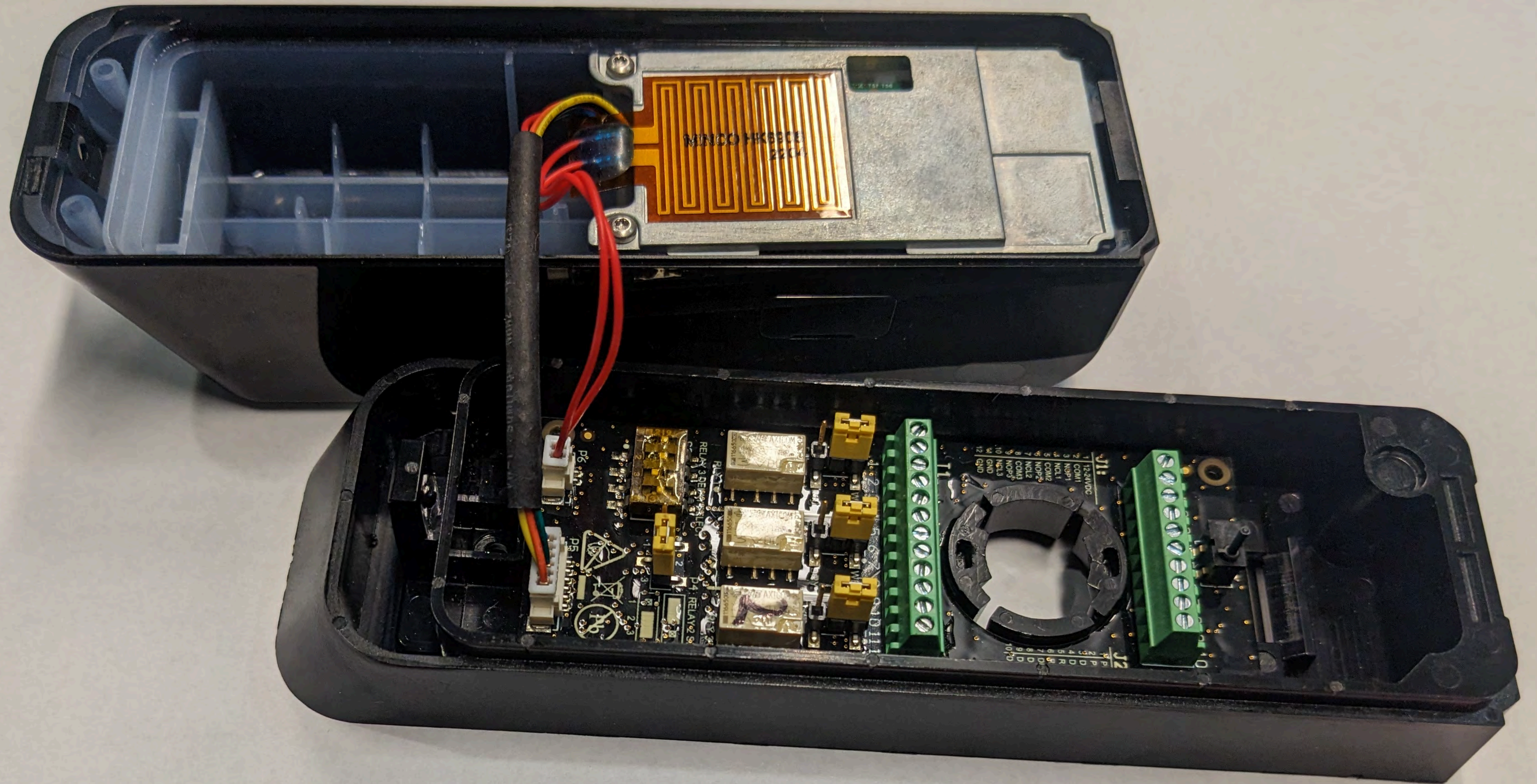
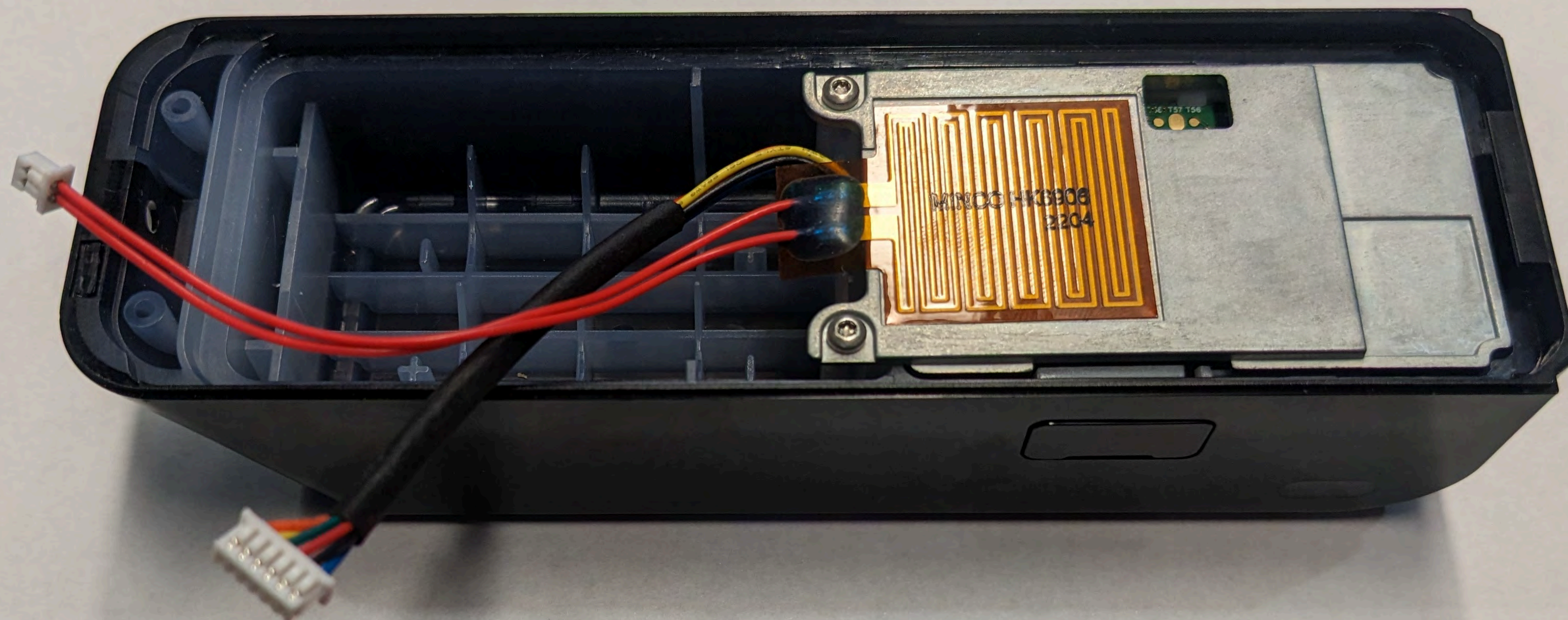


FCC ID: VC3-DR100V3

IC ID: 7160-DR100V3



1/4 1/2 3/4 1 1/4 1/2 3/4 2 1/4 1/2 3/4 3 1/4 1/2 3/4 4 1/4 1/2 3/4 5 1/4 1/2 3/4 6 1 2 3

Copper Thickness
0.5 $\approx$ 0.69 MILs / 17.5 μ m
1oz $\approx$ 1.37 MILs / 35 μ m
2oz $\approx$ 2.74 MILs / 70 μ m

M6 M5 M4 M3 M2.5 M2
#2 #4 #6 #8 #10
89MIL 116 144 170 196 ϕ 257MIL

MACHINE SCREW HOLES-TIGHT
1/4"

eeewiki.net

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 Services:
Custom Enclosures: Holes, Printing, Colors, Materials, Etc - Custom Battery Packs
Programming: MCU, PROM, CPLD, & OSC Frequency - Custom Cable Assemblies
...And More custom.orders@digkey.com WWW.DIGIKEY.COM

PCB-RULE
Digi-KEY
30MIL 40MIL
BURIED VIA TES

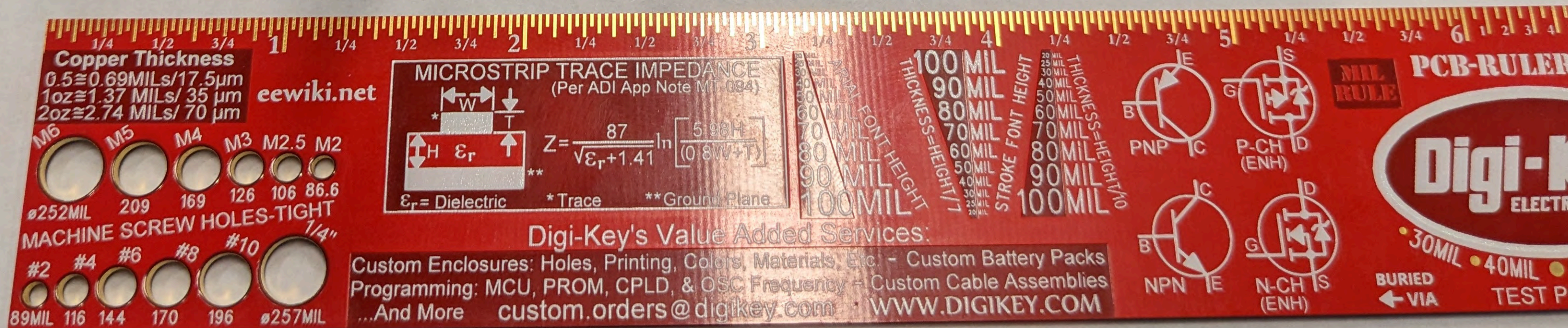
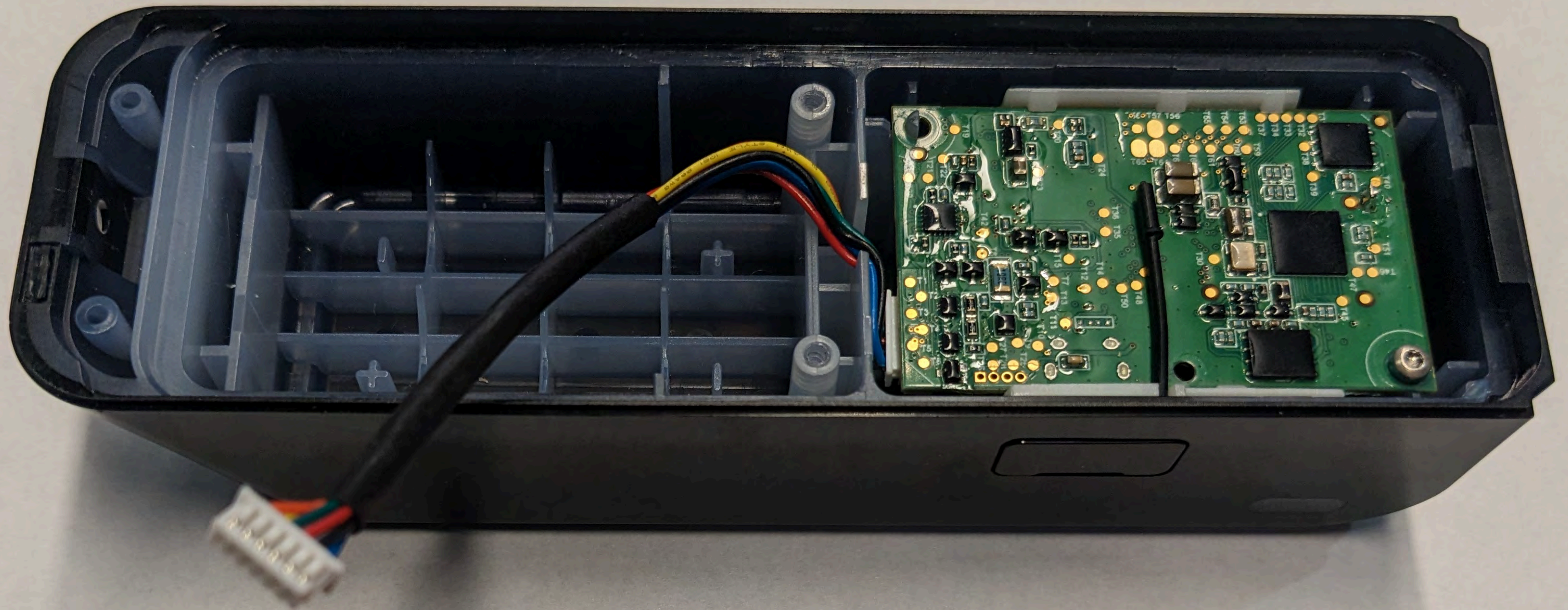
PNP IC
NPN IC
P-CH ID (ENH)
N-CH IS (ENH)

THICKNESS=HEIGHT/10
STROKE FONT HEIGHT
TRAIL FONT HEIGHT

100 MIL
90 MIL
80 MIL
70 MIL
60 MIL
50 MIL
40 MIL
30 MIL
20 MIL

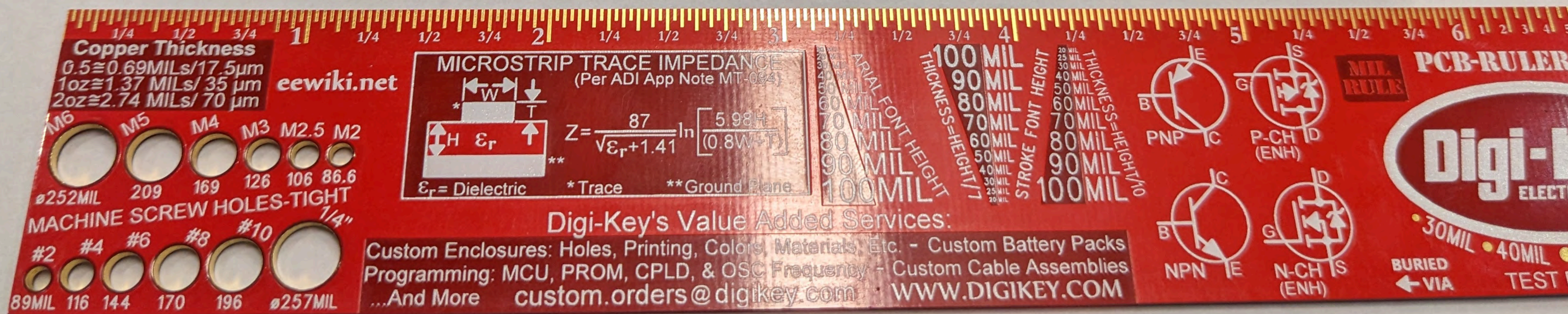
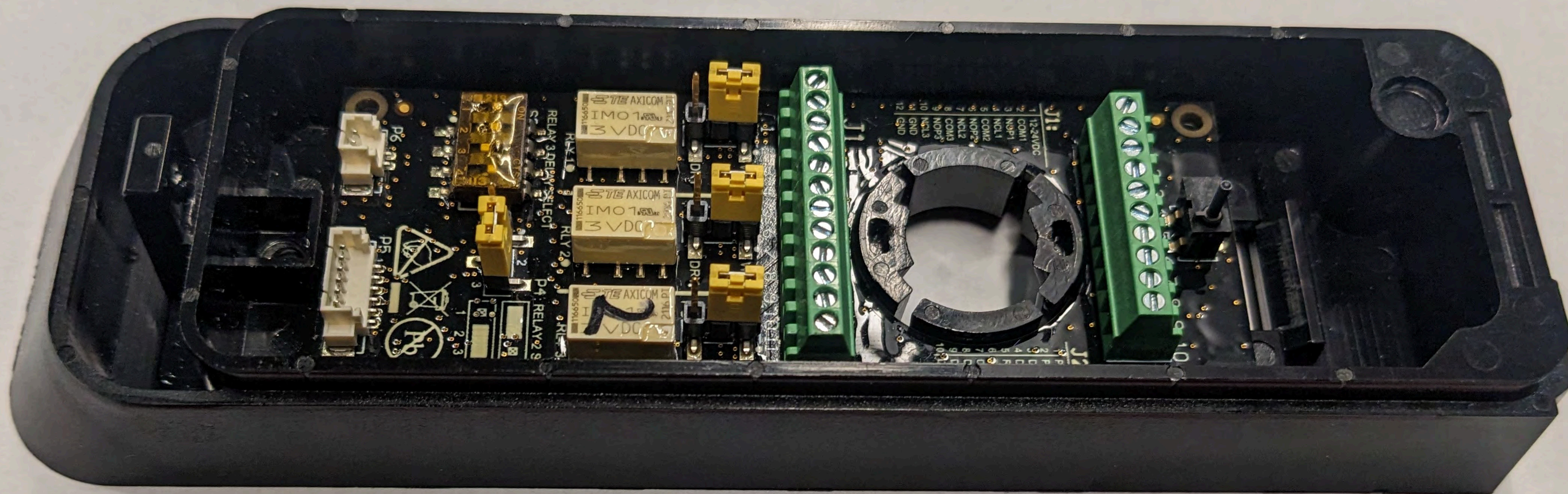
FCC ID: VC3-DR100V3

IC ID: 7160-DR100V3



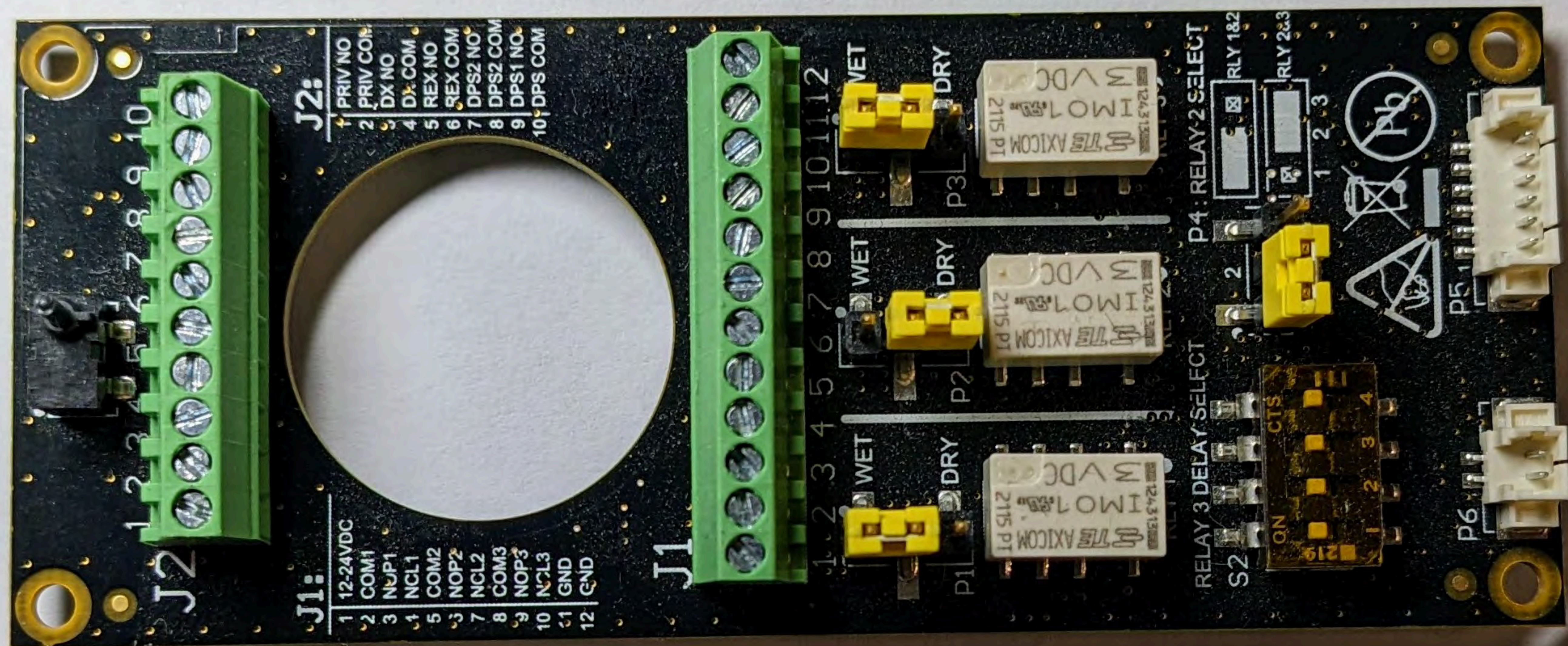
FCC ID: VC3-DR100V3

IC ID: 7160-DR100V3

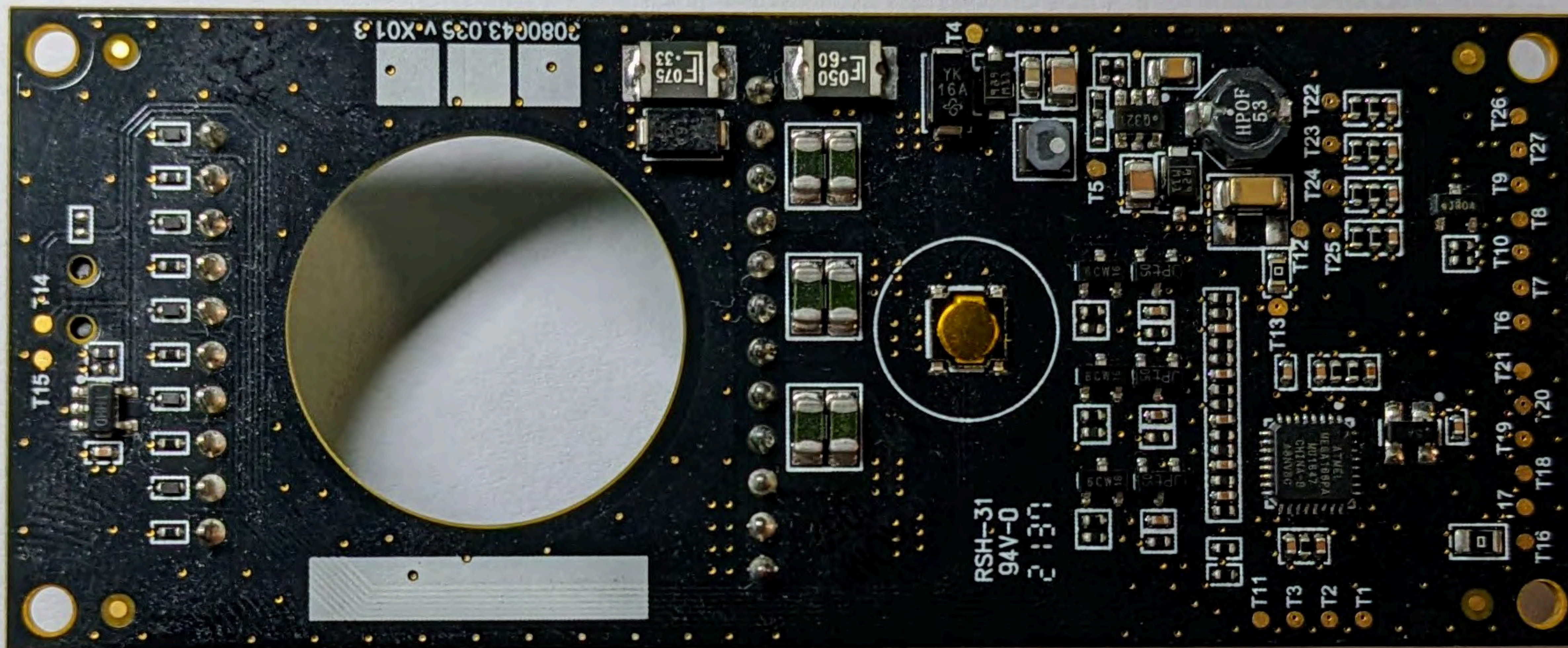


FCC ID: VC3-DR100V3

IC ID: 7160-DR100V3



FCC ID: VC3-DR100V3
IC ID: 7160-DR100V3



FCC ID: VC3-DR100V3
IC ID: 7160-DR100V3