

JCN52-BLK12121 Specification Sheet

Product Specifications

 $\begin{array}{lll} \mbox{Dimensions:} & 12\mbox{mm x 12mm x 1mm} \\ \mbox{Tolerances:} & \pm 0.1\mbox{mm x } \pm 0.1\mbox{mm} \\ \mbox{Material:} & \mbox{NdFeB, Grade N52} \\ \mbox{Plating/Coating:} & \mbox{Ni-Cu-Ni (Nickel)} \end{array}$

Magnetization Direction: Axial (Poles on Flat Ends)

Surface Field*: 1098 Gauss
Max Operating Temp: 176°F (80°C)
Brmax: 14,800 Gauss
BHmax: 52 MGOe

Performance (Approx. Pull Force)

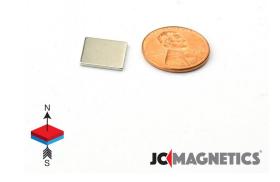
Magnet to a Steel Plate: 2.21 LB
Between 2 Steel Plates: 20.01 LB
Magnet to Magnet: 2.21 L

Different configurations of magnets and surrounding ferromagnetic materials may substantially alter your pull force results.









^{*} Field results are obtained from calculations with lab testing. The results are the surface field values at the surface of the magnet, centered on the axis of magnetization.