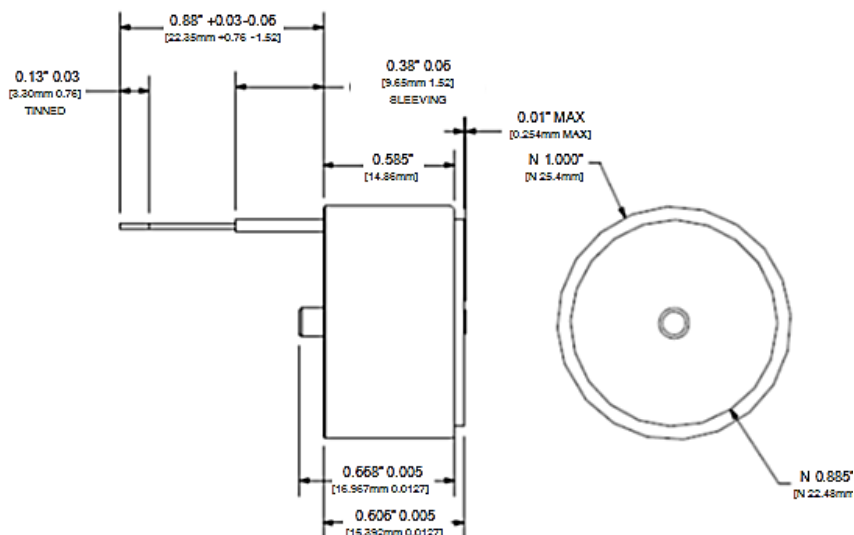


CUSTOM SOLENOIDS & ACTUATORS

Kendrion Mishawaka

Paintball Marker Solenoid

Paintball is an outdoor activity shared by many. Whether at a bachelor party or amongst a close-knit group of friends, the object is clear: seek out your competitors and target them with your paint ball gun. Kendrion was able to help a customer out with a Paintball Marker Solenoid (PMS) for the overall weapon design. After an initial analysis, our engineers created a seartripper design with an electromagnetic assembly and a tapered pull face. Power? More than enough. The PMS has three different key features present: an intermittent duty pulse, high speed and push type. To ensure the parts survive in rough environments Kendrion worked with stainless steel parts and applied special surface finishes to the other metal components.



Technical Specification

Solenoid Type	Intermittent Duty Pulse High Speed Push Type
Stroke	0.088 Inches (2.24 mm)
Time Constant	7ms, Nominal
Voltage	9V DC
Coil Resistance	0.87 Ω
Materials and Finish	Zinc Plated, Carbon Steel Shell 300 Series Stainless Steel Push Pin Nickel Plated Guide Stop

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