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## **AEM Smart Pencil Coil Coil Specifications 30-2897**

**2009-2024 NISSAN MURANO 3.5L**  
**2013-2020 NISSAN PATHFINDER 3.5L**  
**2011-2017 NISSAN QUEST 3.5L**  
**2008-2012 INFINITI EX35 3.5L**  
**2011-2012 INFINITI G25 2.5L**  
**2013 INFINITI JX35 3.5L**  
**2012-2013 INFINITI M35H 3.5L**  
**2014-2018 INFINITI Q70 3.5L**

**2009-2020 NISSAN MAXIMA 3.5L**  
**2007-2018 NISSAN ALTIMA 3.5L**  
**2007-2009 NISSAN 350Z 3.5L**  
**2009-2012 INFINITI FX35 3.5L**  
**2007-2008 INFINITI G35 3.5L**  
**2009-2010 INFINITI M35 3.5L**  
**20014-2018 INFINITI Q50 3.5L**  
**2014-2020 INFINITI QX60**



## Coil Specifications

Primary Resistance ( $\Omega$ )	0.57 ( $\Omega$ )
Primary Inductance (mH) @ 1Khz	1.61 mH
Primary Wire Size (mm)	0.47 mm
Primary Wire Insulation Temperature $^{\circ}\text{C}$	180 $^{\circ}\text{C}$
Primary Turns	110
Secondary Resistance (K $\Omega$ )	12.56 (K $\Omega$ )
Secondary Inductance (H) @ 1Khz	20.8 (H) @ 1Khz
Secondary Wire Size (mm)	0.045 mm
Secondary Wire Insulation Temperature $^{\circ}\text{C}$	180 $^{\circ}\text{C}$
Secondary Turns	13000
Turns Ratio	118