



Powertrain

Engine Coolant Control Valve

OEM/Vehicle

FCA US LLC

**2016 GME-T4 (Alfa Romeo - Giulia/
Stelvio)**

System Supplier

ITW Powertrain Components

Material Processor

ITW Powertrain Components

Material Supplier

Dupont Automotive

Resin

Zytel HTN 51G35HSLR BK420 PPA



This unique product design allows good fluid control and low coolant leakage at the seals on the valve moving components. Dimensional control is provided through innovative molding and assembly processes with the combination of PPA and PPS materials. A 1 lb weight savings and 20% cost savings is achieved, compared to a metal part. An approximate 2% increase in fuel efficiency and reduced emissions result in a reduced carbon foot print.