



## Overview

### Description

Magnet wire wound on a molded 30% glass filled bobbin and encapsulated with 30% glass filled polyester resin. Overmolded coil is framed in steel.

## Ratings

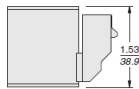
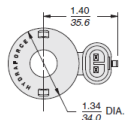
### Properties

Magnet wire	U.S. class H 180 °C (356 °F) minimum rating
Mating connector	DT06-2S-P012 - <b>Note:</b> DEUTSCH DT04-2P DELPHI/PACKARD number 12052641 - <b>Note:</b> METRI-PACK 150-2M
Coil metal frame	Plated for 1,000 hours of salt spray per ASTM B117-09 before corrosion (red rust)

### Electrical Parameters

Coil resistance	5.4 ohm ±8% - <b>Note:</b> At 20 °C (68 °F), 12 V coil 21.7 ohm ±5% - <b>Note:</b> At 20 °C (68 °F), 24 V coil
Initial current draw	2.2 A - <b>Note:</b> 12 V coil 1.1 A - <b>Note:</b> 24 V coil
Coil initial power consumption	26.4 W - <b>Note:</b> At maximum control current, 12/24 V coil

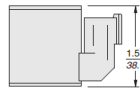
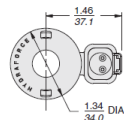
## Dimensions



INCH  
MILLIMETRE

### EY

IP69K Rated 08-Size Coil  
Thermal Shock Dunk Test Rated Coil  
Metri-Pack® 150 Connector



### ER

IP69K Rated 08-Size Coil  
Thermal Shock Dunk Test Rated Coil  
Deutsch DT04-2P Connector

## Coil Part Numbers

Model code	Part no.	Voltage	Connector	IP rating	Diode
12EY	4304812	12	Metri-Pack 150 2M	IP69K	
12ER	4304712	12	Deutsch DT04-2P	IP69K	
24ER	4304724	24	Deutsch DT04-2P	IP69K	