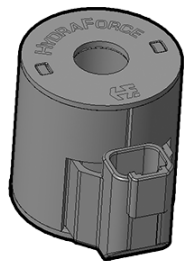


E COIL 10 SIZE

Overview



Description

Magnet wire winding overmolded 30% glass filled polyester, and enclosed in a three piece zinc plated metal shell.

Ratings

Properties

Magnet wire: U.S. class N 200 °C (392 °F) minimum rating

Mating connector: DT06-2S-P012 note: DEUTSCH DT04-2P

DELPHI/PACKARD number 12052641 note: METRI-PACK 150-2M

Coil metal frame: plated for 1,000 hours of salt spray per ASTM B117-09 before corrosion (red rust)

Weight: 0.37 kg (0.82 lb)

Electrical Specifications

Voltage	Resistance	Inductance	Initial current draw	Initial power
10	4.78 Ohm $\pm 3\%$	14.9 mH $\pm 5\%$	2.09 A	20.92 W
12	7.09 Ohm $\pm 3\%$	15.3 mH $\pm 5\%$	1.69 A	20.31 W
20	19.12 Ohm $\pm 5\%$	51.51 mH $\pm 5\%$	1.05 A	20.92 W
24	28.50 Ohm $\pm 5\%$	70.18 mH $\pm 5\%$	0.84 A	20.21 W
36	63.21 Ohm $\pm 5\%$	182.73 mH $\pm 5\%$	0.57 A	20.5 W
48	116.51 Ohm $\pm 5\%$	231.2 mH $\pm 5\%$	0.41 A	19.78 W

Diodes

DIODE TYPE	DIODE TYPE CODE	CIRCUIT DIAGRAM
BI-DIRECTIONAL ZENER DIODE	Z	
UNI-DIRECTIONAL DIODE	D	

Bidirectional Zener Diode Parameters

Maximum clamping voltage: 45.7 V note: 12 Vdc coil

64.8 V note: 24 Vdc coil

Maximum peak pulse current: 13.2 A note: 12 Vdc coil

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9.3 A note: 24 Vdc coil

Reverse standoff voltage: 28.2 V note: 12 Vdc coil

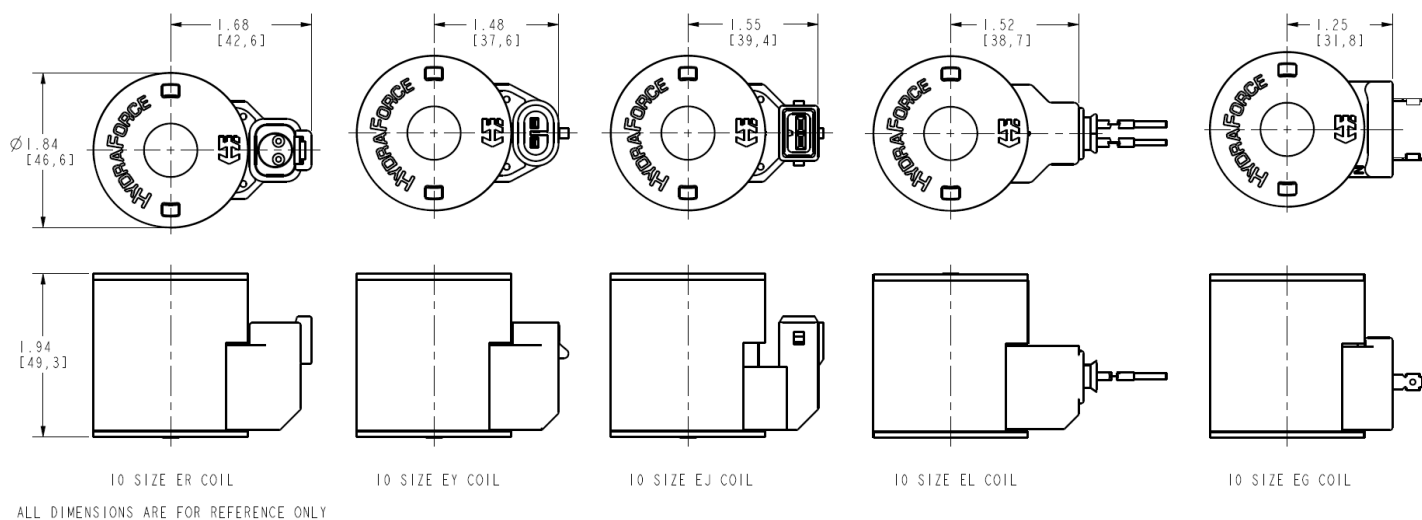
40.2 V note: 24 Vdc coil

Maximum reverse leakage: 5.0 μ A**Breakdown voltage:** 31.4 to 34.7 V note: 12 Vdc coil

44.7 to 49.4 V note: 24 Vdc coil

Diode part number: 6110163 note: 12 Vdc coil (ref)

4000063 note: 24 Vdc coil (ref)

Ultra-fast Diode Parameters (12/24 Vdc Coil)**Average forward current:** 3.5 A**Repetitive peak reverse voltage:** 600 V**Diode part number:** 4002474**Dimensions****Coil Part Numbers****Standard Coils**

Old Number	New Number	Code	Vols	Termination	UL	Diode
4317210	R930091096	10 EL	10	DUAL LEADS, IP69K	false	false
4325310	R935207870	10 ER/A	10	DEUTSCH DT04-2P, IP69K	false	false
4325210	R935207841	10 ER/A/Z	10	DEUTSCH DT04-2P, IP69K	false	true
4305612	R930091051	12 EJ	12	AMP Jr. TIMER, IP67	false	false
4317212	R935004076	12 EL	12	DUAL LEADS, IP69K	false	false
4307212	R935003996	12 EL/W/Z	12	MALE 2-PIN WEATHERPACK, IP65	false	true
4307112	R930091075	12 EL/Z	12	DUAL LEADS, IP69K	false	true
4325312	R935207848	12 ER/A	12	DEUTSCH DT04-2P, IP69K	false	false
4325212	R935207846	12 ER/A/Z	12	DEUTSCH DT04-2P, IP69K	false	true
4325320	R935207873	20 ER/A	20	DEUTSCH DT04-2P, IP69K	false	false
4325220	R935207875	20 ER/A/Z	20	DEUTSCH DT04-2P, IP69K	false	true
4305884	R930091063	24 EG	24	DIN 43650, IP65	false	false
4305624	R930091052	24 EJ	24	AMP Jr. TIMER, IP67	false	false
4307224	R935003998	24 EL/W/Z	24	MALE 2-PIN WEATHERPACK, IP65	false	true
4307124	R930091076	24 EL/Z	24	DUAL LEADS, IP69K	false	true

E COIL 10 SIZE

Old Number	New Number	Code	Vols	Termination	UL	Diode
4325324	R935207877	24 ER/A	24	DEUTSCH DT04-2P, IP69K	false	false
4325224	R935207849	24 ER/A/Z	24	DEUTSCH DT04-2P, IP69K	false	true
4325336	R935207878	36 ER/A	36	DEUTSCH DT04-2P, IP69K	false	false
4303748	R930091030	48 ER	48	DEUTSCH DT04-2P, IP69K	false	false

Optional Coils

Old Number	New Number	Code	Vols	Termination	UL	Diode
4303710	R930091026	10 ER	10	DEUTSCH DT04-2P, IP69K	true	false
4304110	R930091038	10 ER/Z	10	DEUTSCH DT04-2P, IP69K	true	true
4305882	R930091061	12 EG	12	DIN 43650, IP65	true	false
4305712	R930091053	12 EL	12	DUAL LEADS, IP69K	true	false
4303712	R930094305	12 ER	12	DEUTSCH DT04-2P, IP69K	true	false
4304112	R930097095	12 ER/Z	12	DEUTSCH DT04-2P, IP69K	true	true
4303512	R930091021	12 EY	12	METRI-PACK 150 2M, IP69K	true	false
4303912	R930091032	12 EY/Z	12	METRI-PACK 150 2M, IP69K	true	true
4303720	R935003832	20 ER	20	DEUTSCH DT04-2P, IP69K	true	false
4305724	R930091054	24 EL	24	DUAL LEADS, IP69K	true	false
4303724	R978028637	24 ER	24	DEUTSCH DT04-2P, IP69K	true	false
4304124	R930091040	24 ER/Z	24	DEUTSCH DT04-2P, IP69K	true	true
4303524	R930091022	24 EY	24	METRI-PACK 150 2M, IP69K	true	false
4303924	R930091033	24 EY/Z	24	METRI-PACK 150 2M, IP69K	true	true

MODEL CODE EXAMPLE:

SV10-XX-0-X-12ER/Z

CAVITY AND COIL SIZE ———

VOLTAGE ———

CONNECTOR ———

DIODE TYPE ———