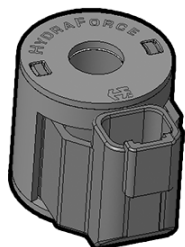

Overview



Construction

Magnet wire wound on a bobbin and encapsulated with 30% glass filled polyester resin or 12% glass filled nylon. overmolded coil is framed in steel.

Ratings

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: 0.16 kg (0.35 lb)

Bidirectional Zener Diode Parameters

Maximum clamping voltage: 45.7 V note: 12 Vdc coil

64.8 V note: 16, 24 Vdc coil

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

9.3 A note: 16, 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: 16, 24 Vdc coil

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

4000063 note: 16, 24 Vdc coil (rev)

Ultra-fast Diode Parameters (12/24 Vdc Coil)

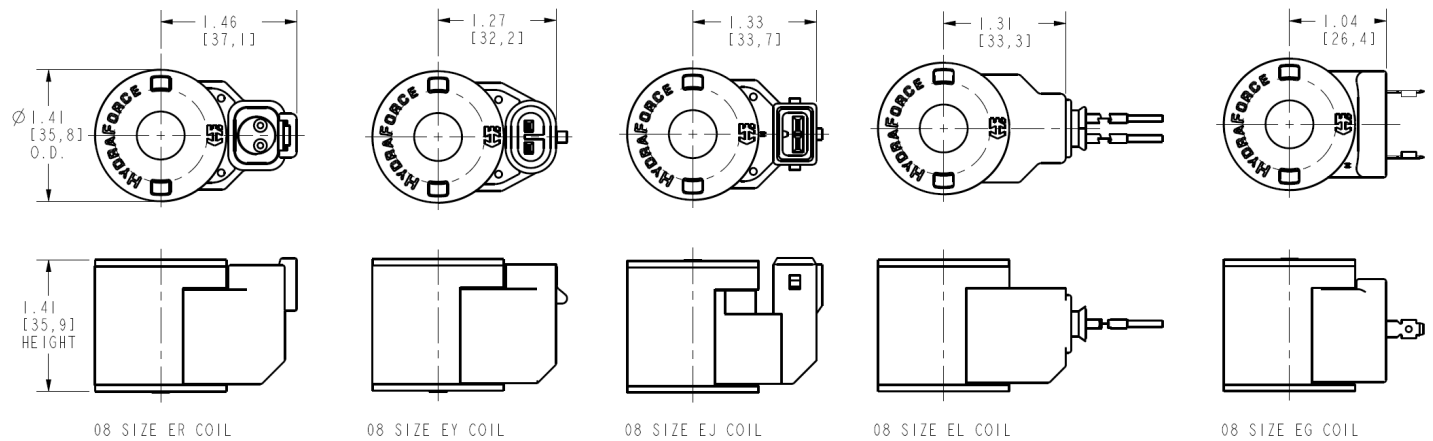
Average forward current: 3.5 A

Repetitive peak reverse voltage: 600 V

Diode part number: 4002474

E COIL 08 SIZE

Dimensions



ALL DIMENSIONS ARE FOR REFERENCE ONLY

Coil Part Numbers

Standard Coils

Old Number	New Number	Code	Vols	Termination	UL	Diode
4305110	R930091044	10 EL	10	DUAL LEADS, IP69K	false	false
4308710	R935004029	10 EL	10	DUAL LEADS, IP69K	false	false
4325510	R935207850	10 ER/A	10	DEUTSCH DT04-2P, IP69K	false	false
4325410	R935207842	10 ER/A/Z	10	DEUTSCH DT04-2P, IP69K	false	true
4306112	R930091068	12 EJ	12	AMP Jr. TIMER, IP67	false	false
4305912	R930091065	12 EJ/Z	12	AMP Jr. TIMER, IP67	false	true
4308712	R930091084	12 EL	12	DUAL LEADS, IP69K	false	false
4306812	R930091072	12 EL/Z	12	DUAL LEADS, IP69K	false	true
4325512	R935207852	12 ER/A	12	DEUTSCH DT04-2P, IP69K	false	false
4325412	R935207851	12 ER/A/Z	12	DEUTSCH DT04-2P, IP69K	false	true
4325520	R935207883	20 ER/A	20	DEUTSCH DT04-2P, IP69K	false	false
4325420	R935207904	20 ER/A/Z	20	DEUTSCH DT04-2P, IP69K	false	true
4304020	R930091035	20 ER/Z	20	DEUTSCH DT04-2P, IP69K	false	true
4306124	R930091070	24 EJ	24	AMP Jr. TIMER, IP67	false	false
4305924	R930091066	24 EJ/Z	24	AMP Jr. TIMER, IP67	false	true
4325524	R935207887	24 ER/A	24	DEUTSCH DT04-2P, IP69K	false	false
4325424	R935207885	24 ER/A/Z	24	DEUTSCH DT04-2P, IP69K	false	true
4325536	R935207889	36 ER/A	36	DEUTSCH DT04-2P, IP69K	false	false
4303648	R935178589	48 ER	48	DEUTSCH DT04-2P, IP69K	false	false

Optional Coils

Old Number	New Number	Code	Vols	Termination	UL	Diode
4303610	R930091023	10 ER	10	DEUTSCH DT04-2P, IP69K	true	false
4304010	R930091034	10 ER/Z	10	DEUTSCH DT04-2P, IP69K	true	true
4305862	R930091056	12 EG	12	DIN 43650, IP65	true	false
4305872	R930091058	12 EG/Z	12	DIN 43650, IP65	true	true
4305112	R930091045	12 EL	12	DUAL LEADS, IP69K	true	false
4303612	R935003798	12 ER	12	DEUTSCH DT04-2P, IP69K	true	false
4304012	R930097096	12 ER/Z	12	DEUTSCH DT04-2P, IP69K	true	true
4303412	R930093096	12 EY	12	METRI-PACK 150 2M, IP69K	true	false
4303812	R930091031	12 EY/Z	12	METRI-PACK 150 2M, IP69K	true	true
4303620	R935003809	20 ER	20	DEUTSCH DT04-2P, IP69K	true	false

E COIL 08 SIZE

Old Number	New Number	Code	Vols	Termination	UL	Diode
4305864	R930091057	24 EG	24	DIN 43650, IP65	true	false
4305874	R930091059	24 EG/Z	24	DIN 43650, IP65	true	true
4305124	R930091046	24 EL	24	DUAL LEADS, IP69K	true	false
4303624	R930095095	24 ER	24	DEUTSCH DT04-2P, IP69K	true	false
4304024	R930091036	24 ER/Z	24	DEUTSCH DT04-2P, IP69K	true	true
4303424	R935003783	24 EY	24	METRI-PACK 150 2M, IP69K	true	false
4303824	R935003842	24 EY/Z	24	METRI-PACK 150 2M, IP69K	true	true

MODEL CODE EXAMPLE:

SV08-XX-0-X-12ER/Z

CAVITY AND COIL SIZE

VOLTAGE

CONNECTOR

DIODE TYPE