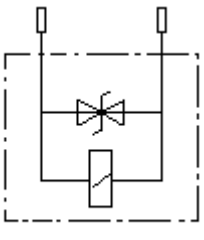
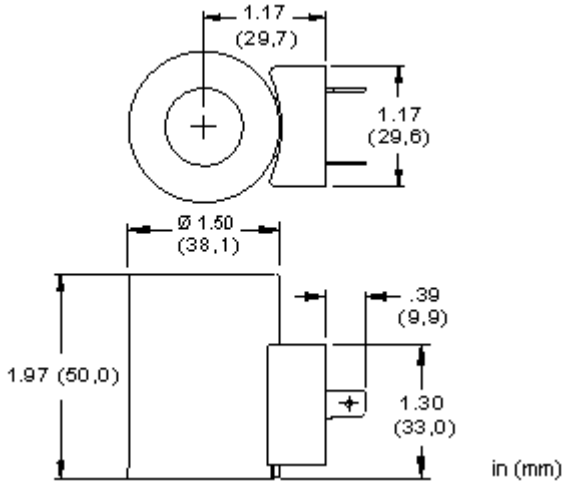
# 12 VDC coil with SAE J858A spade connector

Model:
770-512




## Technical Features

- Coil windings utilize Class N, (392° F [200 °C] rated) magnet wire.
- Power cable with mating connector is required and is not included with product.
- The external steel shell is zinc plated with black dichromate.
- A TVS surge suppression diode is built into DC coils. Nominal breakdown voltage: 68V. Model code 1.5 KE68CA Steady state power dissipation @ 75°C is 6.5 W and peak pulse dissipation is 1500 W for 1 ms, nonrepetitive.
- For optimum proportional performance, an amplifier with current sensing and adjustable dither should be used. Dither should be adjustable between 100 - 250 Hz.
- RoHS compliant. Restricted materials less than 0.1% total by weight.

## Technical Data

| | U.S. Units | Metric Units |
|---|---|---|
| Arc Suppression | Standard | |
| Maximum Ambient Temperature | 122 °F | 50 °C |
| Maximum Coil Temperature at 68ºF (20ºC) Ambient | 218ºF (105ºC) | |
| Operating Voltage Range | +/- 10% nominal | |
| Power Consumption (cold) - at rated voltage | 22 watts | |
| Voltage/Frequency | 12 VDC | |
| Connector Environment Rating | IP65 | |
| Duty cycle Rating | 100 % | |
| Connector | SAE J858A Spade | |
| Solenoid Tube Diameter | .75 in. | 19 mm |
| Coil Nut Torque | 4.5 lbf in. | 0,5 Nm |
| Model Weight | 0.52 lb. | 0.24 kg. |

Proportional Performance Data

| | U.S. Units | Metric Units |
|---|---|---|
| Maximum Current | 1150 mA | |
| Nominal Coil Resistance at 122ºF (50ºC) Stabilized | 9.4 ±8% ohms | |
| Nominal Coil Resistance at 68ºF (20ºC) Cold | 6.4 ±8% ohms | |

# 770-512

What models can this kit be used on?

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| DAAL | DLDAS | DNCA | DNDYS | DTDAS | FPCC | PRDL | PSDL |
| DAALS | DLDX | DNDA | DTCA | DWDA | FPCH | PRDM | PSDP |
| DBAL | DLDXS | DNDAS | DTCAS | FMDA | HDDA | PRDN | RBAN |
| DBALS | DMDA | DNDC | DTDA | FMDB | HDDAS | PRDP | RBAP |
| DLDA | DMDAS | DNDY | | | | | |

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