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REVISIONS

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| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-----------------|-----------|-----|------|
| | A | INITIAL RELEASE | 30OCT2019 | RV | MB |

Electrical Characteristics

Contact Arrangement — 2 Form C (DPDT)

Contact Material — Stationary — Bifurcated hardened silver alloy
Moveable — Gold plated hardened alloy

Contact Resistance — Before Life — 50 milliohms max. (measured at 10 mA @ 6 Vdc)
After Life — 100 milliohms max. (measured @ 2 A @ 28 Vdc)

Mechanical Life Expectancy — 10 million operations

Coil Voltage — 5 to 26.5 Vdc

Coil Power — 1.4 watts max. @ 25°C

Environmental Characteristics

Temperature Range — -55°C to +85°C

Weight — 0.46 oz. (13 gms) max.

Vibration Resistance — 10 G's, 10 to 500 Hz

Shock Resistance — 30 G's, 6 ±1 ms

Duty Cycle — Continuous

Pick-up Voltage — Approximately 60% of nominal coil voltage

Pick-up Sensitivity — 360 mW

Operating Characteristics

Timing — Operate Time — 6.0 ms max.
Release Time — 6.0 ms max.

Dielectric Withstanding Voltage —

Between Open Contacts — 350 Vrms 60 Hz
Between Adjacent Contacts — 500 Vrms 60 Hz
Between Contacts and Coil — 500 Vrms 60 Hz

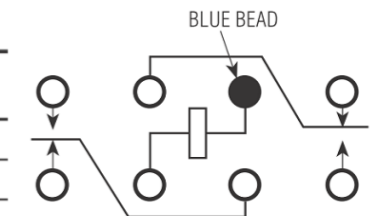
Insulation Resistance — 1,000 megohms min @ 500 Vdc

Contact Ratings

| Contact Load | Type | Operations Min. |
|---------------------------------|--------------------|-----------------|
| 2 A @ 28 Vdc | Resistive | 100,000 |
| 0.75 A @ 28 Vdc | Inductive (200 mH) | 100,000 |
| 0.3 A @ 115 Vac, 60 Hz & 400 Hz | Resistive | 100,000 |

Standard Coil Data

| Nom. Coil Voltage (Vdc) | Coil Resistance in Ohms ± 20% @ 25°C | Pickup Voltage Vdc (Max.) @ 25°C | Pickup Voltage Vdc (Max.) @ 85°C | Nom. Coil Power (W) @ 25°C | Max. Coil Voltage | Coil Desig. |
|-------------------------|--------------------------------------|----------------------------------|----------------------------------|----------------------------|-------------------|-------------|
| 5.0 | 27 | 3.0 | 3.7 | .92 | 6.0 | L |
| 6.0 | 40 | 3.6 | 4.5 | .90 | 7.5 | F |
| 12.0 | 160 | 7.2 | 8.9 | .90 | 15.0 | G |
| 26.5 | 700 | 16.0 | 19.7 | 1.00 | 32.0 | K |

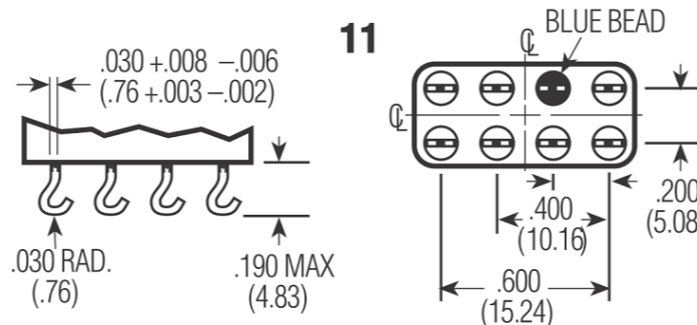
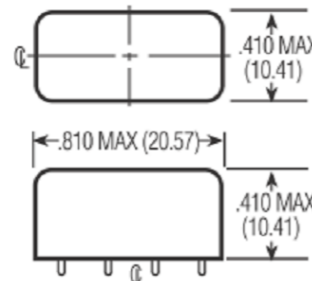


Terminal View

Product Facts

- Hermetically sealed
- Up to 2 amps switching
- Economical configuration
- Optional terminals & mounting styles

01



SOLDER HOOK TERMINALS

Ordering Instructions

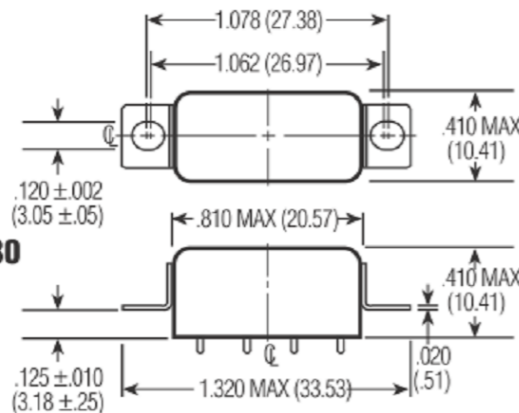
Catalog-selected Relays: The catalog number is derived by choosing the proper CODE for each of the six relay characteristics in the order in which the codes are listed.

Specifying a Part Number Example:

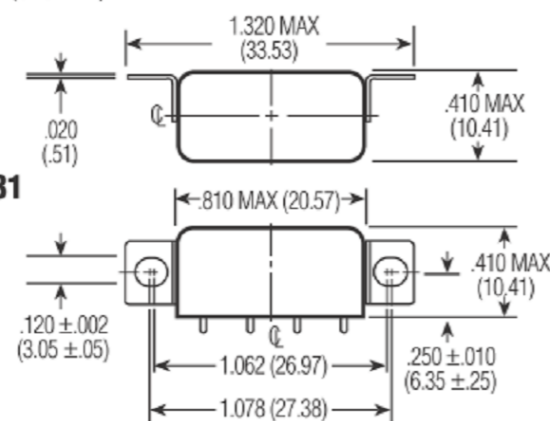
| Type | Terminals | Mountings | Coils | Features |
|------|-----------|-----------|-------|----------|
| HFC | 12 | 30 | K | 00 |

ALL DIMENSIONS ARE IN INCHES(MM)

30



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Mounting Styles

| | | | | | |
|--|--|-------------------|-------------------------|-----------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN RV 30OCT2019 | | | |
| DIMENSIONS: INCHES | | CHK RV 30OCT2019 | | | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD MB 30OCT2019 | NAME C-HFC-SERIES | | |
| 0 PLC ± - | | PRODUCT SPEC | - | | |
| 1 PLC ± - | | APPLICATION SPEC | - | | |
| 2 PLC ± - | | WEIGHT | SIZE A3 | CAGE CODE | RESTRICTED TO |
| 3 PLC ± - | | CUSTOMER DRAWING | DRAWING NO C-HFC-SERIES | | |
| 4 PLC ± - | | SCALE NTS | SHEET 1 OF 1 | | REV A |
| ANGLES ± - | | | | | |
| FINISH | | | | | |