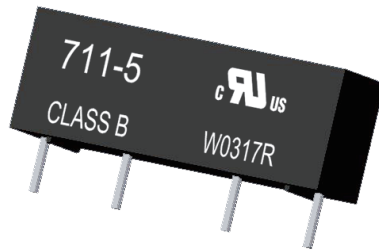




File No.:E75887



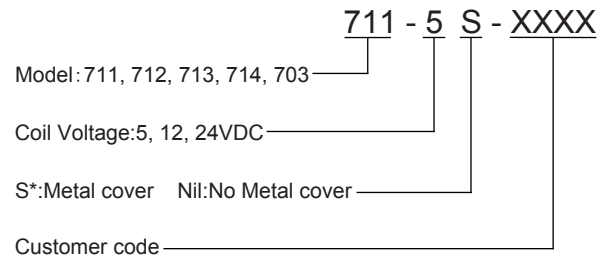
FEATURES

- Choice of normal, heavy duty or hi voltage
- FCC Part 68
- Epoxy molded

CHARACTERISTICS

Operate time (at nomi. volt.)	≤0.5ms
Release time (at nomi. volt.)	≤0.2ms
Contact Resistance(Initial)	≤150mΩ
Life Expectancy	3×10 ⁶ operations(Rated Load)
Insulation Resistance	1000MΩ
Vibration	20G (10-2000Hz)
Thermal Shock	-55°C ~ +105°C
Moisture Resistance	60°C-90% 240 hours
Terminal Strength	225g
Storage Condition	-40°C~+85°C
Operating Condition	-40°C~+70°C
UL Class B	Insulation System Class B

ORDERING INFORMATION



Remark:

S*: Metal Cover is not washable.

COIL DATA

at 25°C

Part Number	Nominal Voltage VDC	Pick-up Voltage (Max.) VDC	Drop-out Voltage (Min.) VDC	Coil Resistance Ω±10%	Contact Rating(UL&CUL) (25°C)	Breakdown Voltage
711-5	5	3.75	0.5	500	AC 10VA, DC 10W max. 100VDC max. 1.0A max.(carry) 0.3A max.(switching)	250VDC across contacts 2500VDC contact to coil
711-12	12	9.0	1.2	1000		
711-24	24	18.0	2.4	2000		
712-5	5	3.75	0.5	500	AC 70VA, DC 50W max. 150VAC, 200VDC 2.5A max.(carry) 1.0A max.(switching DC) 0.7A max.(switching AC)	300VDC across contacts 2500VDC contact to coil
712-12	12	9.0	1.2	1000		
712-24	24	18.0	2.4	2000		
713-5	5	3.75	0.5	500	AC 50VA, DC 50W max. 300VAC, 350VDC 2.5A max.(carry) 0.5A max.(switching)	600VDC across contacts 2500VDC contact to coil
713-12	12	9.0	1.2	1000		
713-24	24	18.0	2.4	2000		
714-5	5	3.75	0.5	500	100VA max. 1.0A max.(switching) 2.5A max.(carry) 350VDC/300VAC(max. switching)	1000VDC across contacts 2500VDC contact to coil
714-12	12	9.0	1.2	1000		
714-24	24	18.0	2.4	2000		
703-5	5	3.75	0.5	125	AC 3VA, DC 3W max. DC 30V 0.5A (carry) 0.2A (switching)	200VDC min.across contacts 2500VDC contact to coil
703-12	12	9.0	1.2	500		
703-24	24	18.0	2.4	2000		

This datasheet is for customers' reference. All the specifications are subject to change without notice.



RELAYS

* SINCE 1976 *

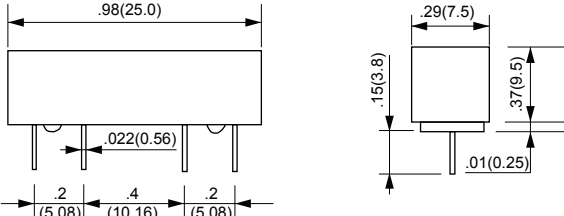
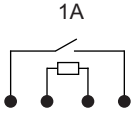
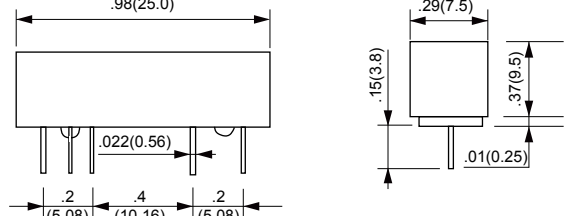
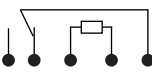
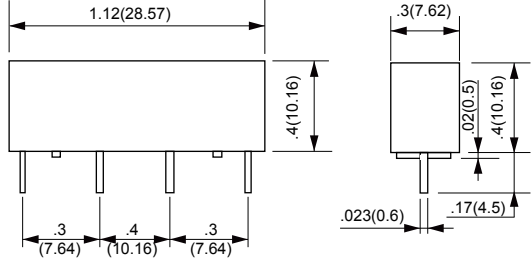
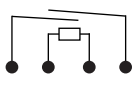
TEL:(516) 328-9292 FAX:(516)326-9125 www.hascorelays.com email:info@hascorelays.com

OUTLINE DIMENSIONS AND WIRING DIAGRAM.

Unit: inch(mm)

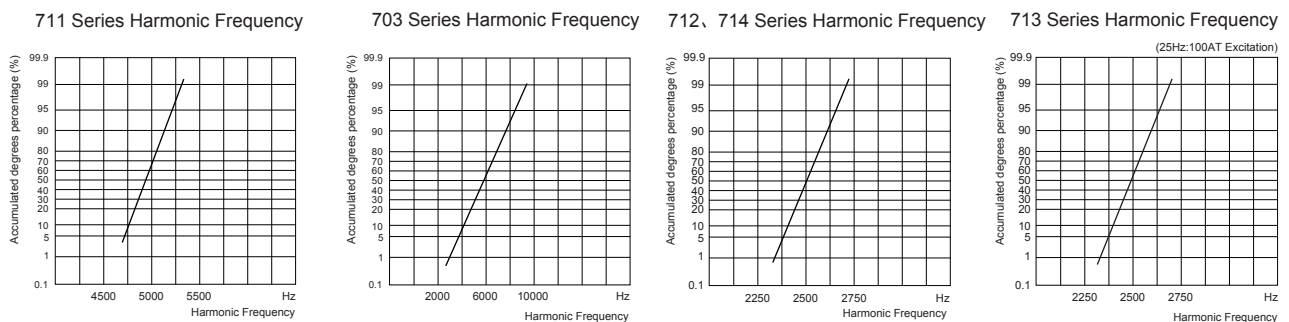
Outline Dimensions

Wiring Diagram (Bottom view)

711 Series		
703 Series		
712 & 713 & 714 Series		

- Remark: 1) In case of no tolerance shown in outline dimension: outline dimension $\leq 1\text{mm}$, tolerance should be $\pm 0.2\text{mm}$; outline dimension $> 1\text{mm}$ and $\leq 5\text{mm}$, tolerance should be $\pm 0.3\text{mm}$; outline dimension $> 5\text{mm}$, tolerance should be $\pm 0.4\text{mm}$.
 2) The tolerance without indicating for PCB layout is always $\pm 0.1\text{mm}$.

CHARACTERISTIC CURVES



This datasheet is for customers' reference. All the specifications are subject to change without notice.

PACKAGING SPECIFICATION

TUBE	INNER CARTON	OUTER CARTON	OUTER CARTON SIZE
48PCS	1680PCS	3360PCS	L480mm*W245mm*H335mm

APPLICATION GUIDELINES

Automatic Soldering

- * Flow solder is the optimum method for soldering.
- * Adjust the level of solder so that it does not overflow onto the top of the PC board.
- * Unless otherwise specified, solder under the following conditions depending on the type of relay.

Preheat time 20°C-100°C	Rising slope 20°C-120°C	Decreasing slope Peak-150°C	Welding temperature 255°C-265°C
90±5 seconds	< 3°C/s	< 4°C/s	3~5s

Hand Soldering

- * Keep the tip of the soldering iron clean.

Solder Iron	30W or 60W
Iron Tip Temperature	Approx. 350°C 662°F
Solder Time	Within approx. 3 seconds

- * Immediate air cooling is recommended to prevent deterioration of the relay and surrounding parts due to soldering heat.
- * Although the sealed type relay can be cleaned, avoid immersing the relay into cold liquid (such as washing solvent) immediately after soldering. Doing so may deteriorate the sealing performance.

Discard the dropped product

This datasheet is for customers' reference. All the specifications are subject to change without notice.