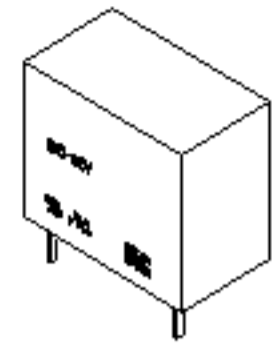


## High Performance Relay



### FEATURES

- Subminiature & light weight relay
- Surge resistiveness of 5000V
- Employment of suitable plastic material for high temperature and various chemical solution
- Dust cover or sealed type



### APPLICATIONS

Home appliances, audio equipment, office machines, automobiles, etc.

 c  Recognized (For "1 form A" only)

### SPECIFICATIONS

#### COIL RATING

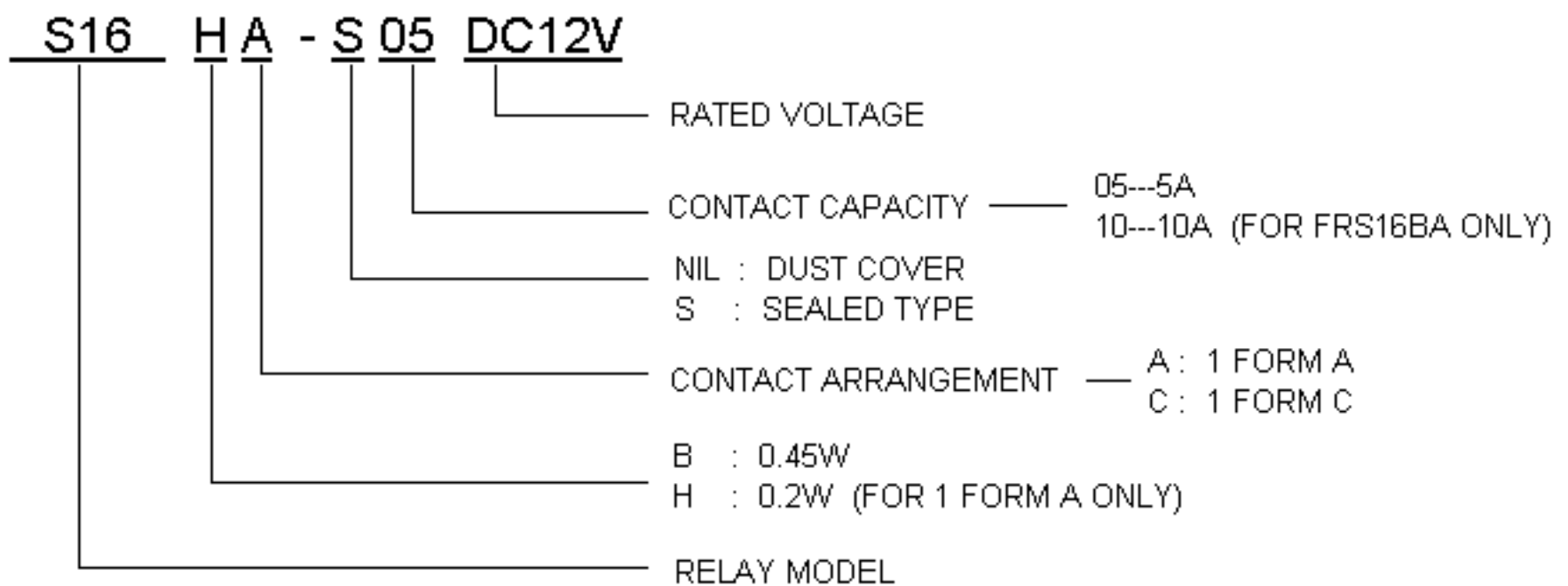
RATED VOLTAGE (V DC)	COIL RESISTANCE $\Omega$ +/- 10%		RATED CURRENT		MUST OPERATE VOLTAGE	MUST DROPOUT VOLTAGE	MAXIMUM VOLTAGE	POWER CONSUMPTION (W)
	S16B	S16H	S16B	S16H	% OF RATED VOLTAGE (At +20 °C)			S16B 0.45W  S16H 0.2W (FOR 1 FORM A ONLY)
3	20	45	150	67	75 Max.	5 Min.	130 Max.	
5	55	125	91	40				
6	80	180	75	33.3				
9	180	400	50	22.5				
12	320	720	37.5	16.7				
24	1280	2800	18.8	8.2				
48	5100	-	9.4	-				

#### CHARACTERISTICS

Contact Arrangement	SPST (1 FORM A), SPDT (1 FORM C)
Contact Material	Silver Alloy
Contact Resistance	100m $\Omega$ Max.
Contact Rating (Resistive Load)	<b>S16BA</b> : 10A 120VAC 5A 250VAC/28VDC Lamp Load : 5A/240V Rush Current 80A  <b>S16HA &amp; S16BC</b> : 5A 120VAC 3A 250VAC/28VDC
Operate Time (Initial)	8ms Max.
Release Time (Initial)	5ms Max.
Insulation Resistance	100M $\Omega$ Min. (DC 500V)
Dielectric Strength	750V AC Between contacts 3000V AC Between coil and contact
Shock Resistance	10g Min.
Vibration Resistance	1.5mm Double amplitude, 10 to 55Hz
Ambient Temperature	-40°C to +70°C
Humidity	45 - 85% RH
Life Expectancy	Mechanical : 18000ops/hr Electrical : 1800ops/hr
Operation Life	Mechanical : 10 <sup>7</sup> Electrical : 10 <sup>5</sup> (At rated load)
Weight	9g Approx.

[Specifications are subject to change without notices.]

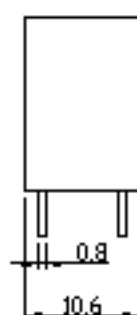
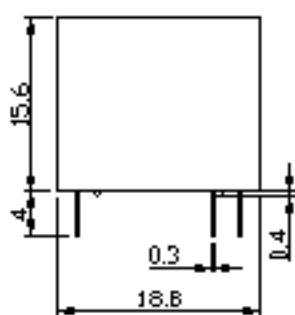
## ORDERING INFORMATION



(i.e. S16HA-S05 DC12V is a SPST, 0.2W, fully sealed, 5Amp, 12VDC coil relay.)

## DIMENSIONS (UNIT:mm)

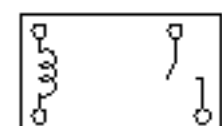
1 FORM A



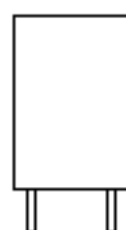
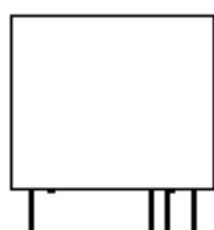
MOUNTING HOLES



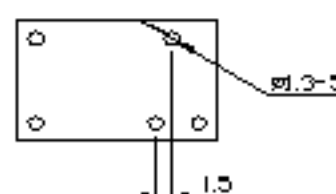
TERMINAL ARRANGEMENT (BOTTOM VIEW)



1 FORM C



MOUNTING HOLES



TERMINAL ARRANGEMENT (BOTTOM VIEW)

