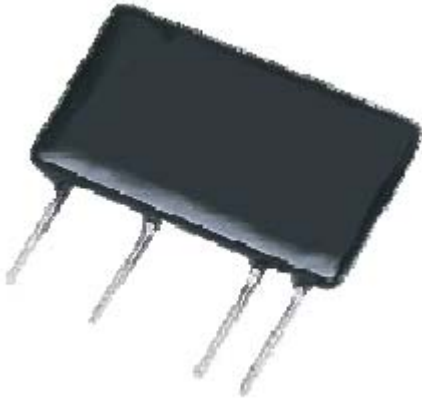


# Solid State Relay

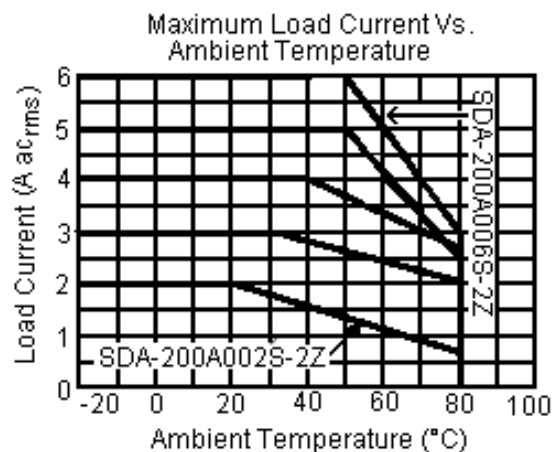
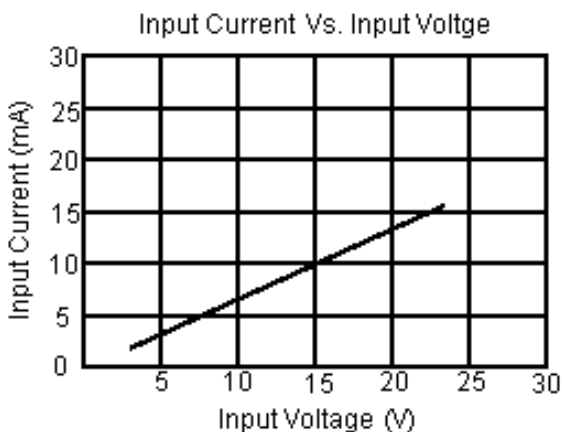


## Specification Table

Control Voltage	Must Turn off Voltage	Input Impedance	Loading Current	Loading Voltage	Minimum Blocking Voltage	Maximum off-State Leakage	Frequency Range	Maximum 1-Cycle Peak Surge	Part Number
3 - 32 V dc	Maximum 1 V dc	1.5 K $\Omega$	2 A	24 to 280 V ac	600 V ac	Less 3 mA	47-70 Hz	20 A	SDA-200A002S-2Z
			6 A					60 A	SDA-200A006S-2Z

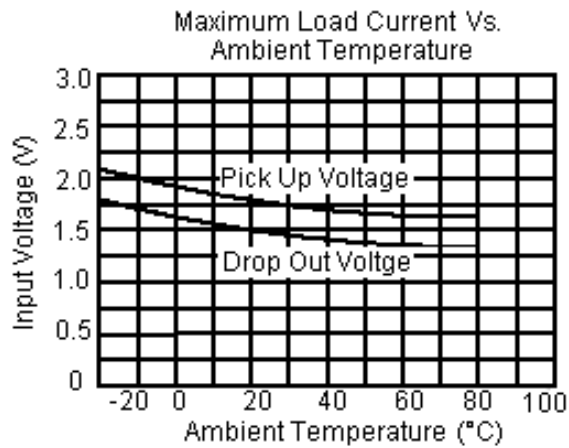
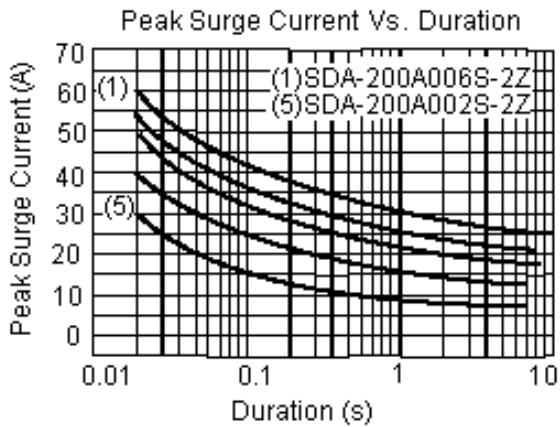
Maximum off State dv / dt	Maximum on-State Voltage Drop	Isolate Impedance	Dielectric Strength Input-Output	Dielectric Strength Input, Output-case	Turn on Time	Turn off Time	Capacitance In-Out	Weight (g)	Part Number
200 V / $\mu$ s	2 V <sub>rms</sub>	10 <sup>9</sup> $\Omega$	2,500 V ac <sub>rms</sub>	-	Less 2 ms	Less 1/2 AC Cycle	Less 15 pF	12 g	SDA-200A002S-2Z SDA-200A006S-2Z

## Characteristic Curves

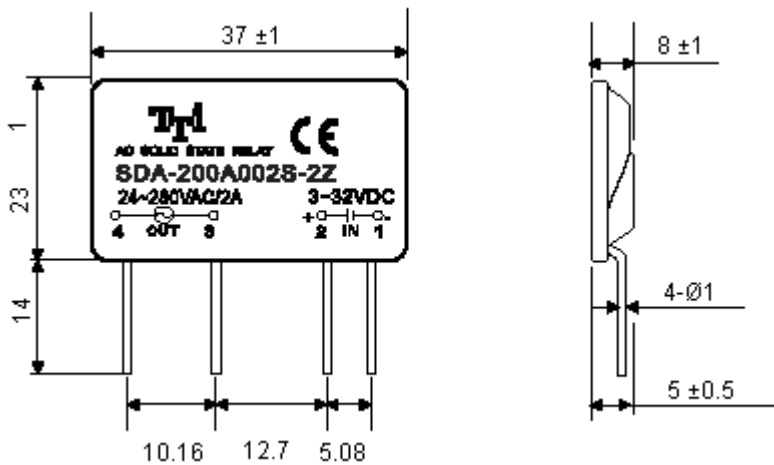


# Solid State Relay

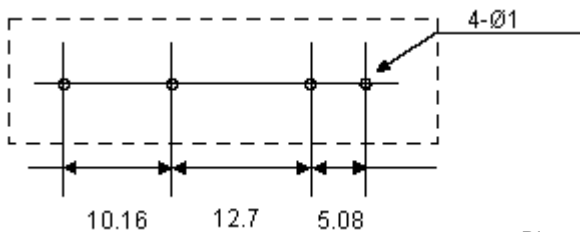
## Characteristic Curves



## Outline Dimensions (Unit : mm)

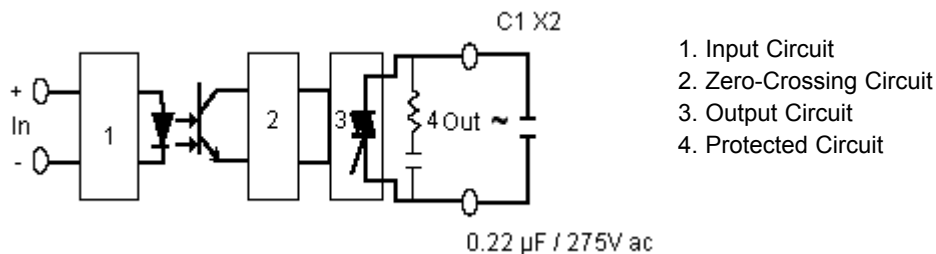


## SIP of Seal Series



Dimensions : Millimetres

## Equivalent Circuit

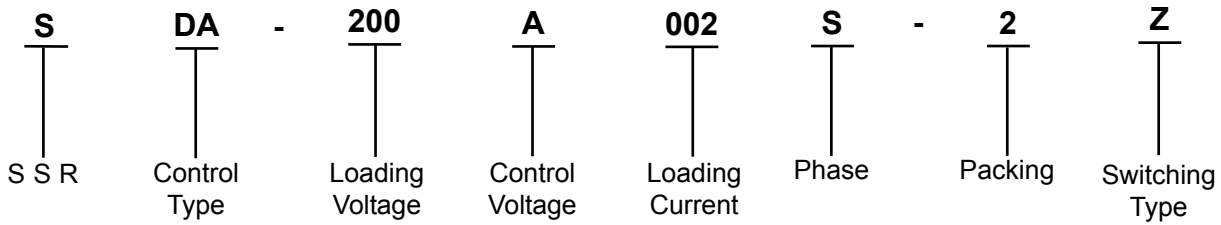


1. Input Circuit
2. Zero-Crossing Circuit
3. Output Circuit
4. Protected Circuit

# Solid State Relay



## Part Number Explanation:



<b>S</b>	: S = S S R
<b>Control Type</b>	: DA = DC Control ac
<b>Loading Voltage</b>	: 200 = 24 to 280 V ac
<b>Control Voltage</b>	: A = 3-32 V dc
<b>Loading Current</b>	: 002 = 2 A, 006 = 6 A
<b>Phase</b>	: S = Single phase
<b>Packing</b>	: 2 = SIP or Seal type
<b>Switching Type</b>	: Z = Zero crossing

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