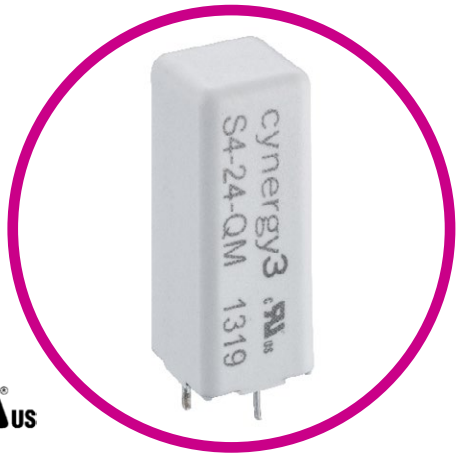
| S4 SERIES

VERTICALLY MOUNTED MINIATURE HIGH VOLTAGE REED RELAY



The S4 series is a vertically mounted miniature high voltage reed relay for applications where space saving is a prime consideration.

Features

- Space saving package
- Up to 350V switching voltage
- UL* approved
- 2.5A carry current
- Isolation voltage across contacts - 3kV

SPECIFICATIONS

Contact	Units	Condition			
Switch Action			SPST (Form A)		
Contact Material			Rhodium		
Isolation Across Contacts	kV	DC or AC peak	3		
Isolation Contact to Coil	kV	DC or AC peak	4		
Switching Power Max.	W		100		
Switching Voltage Max.	V	DC	350		
Switching Current Max.	A	DC	1.0		
Carry Current Max	A	DC	2.5		
Capacitance Across Contacts	pF	coil to screen grounded	0.5		
Contact Resistance	mΩ max		100		
Insulation Resistance	Ωmin (typical)		10^{10}		
Coil			**5V coil**	**12V coil**	**24V coil**
Must Operate Voltage	V	DC	3.75	9	18
Must Release Voltage	V	DC	0.5	1.2	2.4
Resistance	Ω (± 10%)		90	500	1500

Note. The operate / release voltage and coil resistance will change at a rate of 0.4% per degree C. Values are stated at room temperature (20 degrees C)

Environmental Conditions	Units	Condition	
Operating Temp Range	ºC		-40 to +85
Storage Temp Range	ºC		-40 to +100

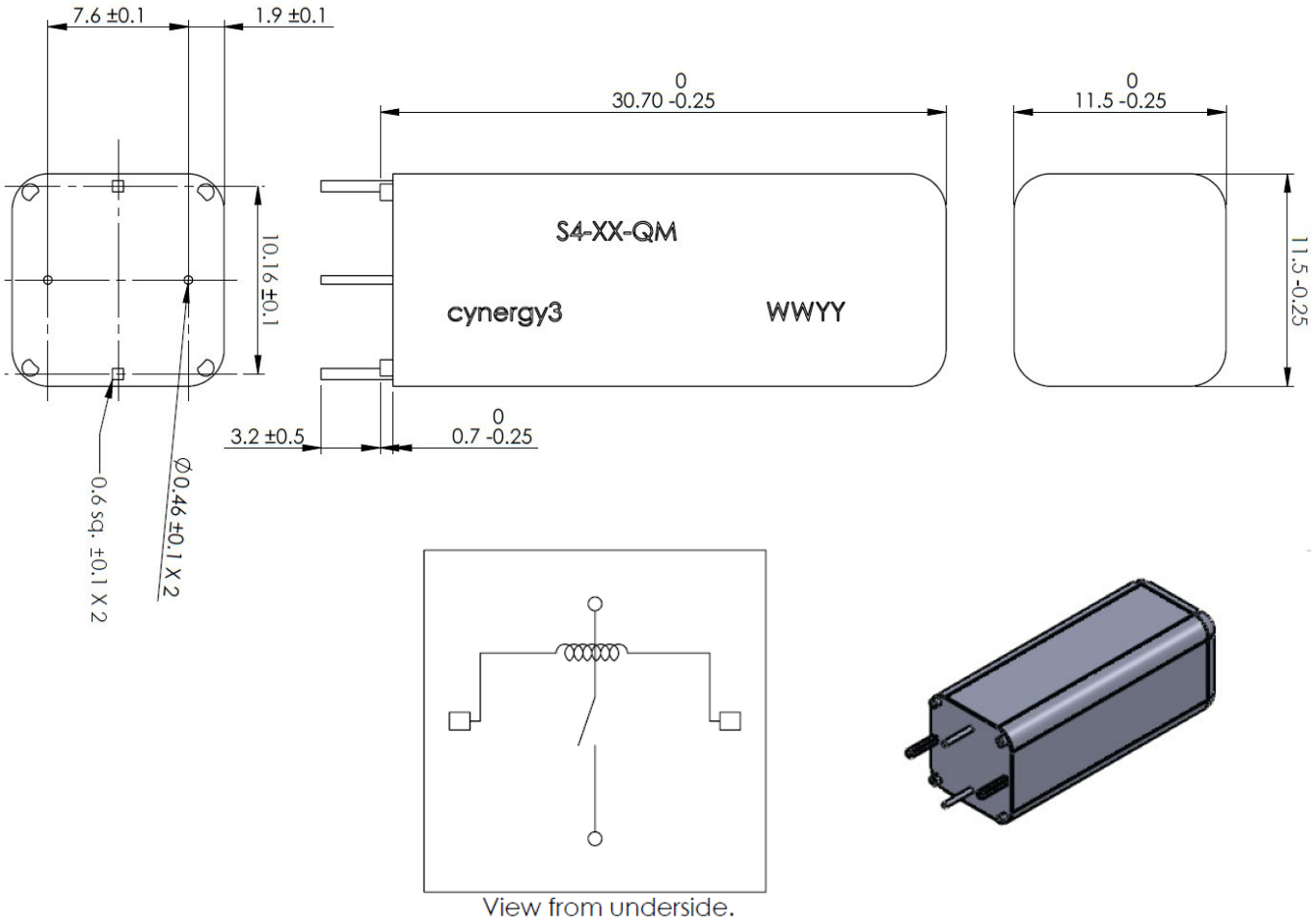
STANDARD PARTS

	Coil Voltage Vdc	Magnetic Screen
S4-05-Q	5	No
S4-05-QM	5	Yes
S4-12-Q	12	No
S4-12-QM	12	Yes
S4-24-Q	24	No
S4-24-QM	24	Yes

Custom versions can be designed for particular applications. Please contact Sensata with your requirements.

DIMENSIONS

All dimensions are in millimeters.



***Consult factory for UL ratings**

These products have been UL approved for use as per pollution degree 2 classification. If you require further information as to how this may affect product usage, please contact c3w_sales@sensata.com.

CONTACT US

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