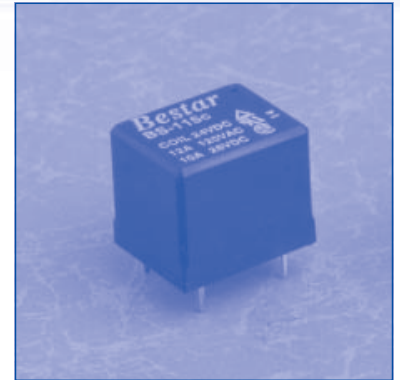


## ■ FEATURES

- Sub-miniature size (19\*15.5\*15.2mm)
- High Switching Capacity up to 12A
- UL File No. E147052
- CSA File No. LR76479-1
- TUV File No. R9754066



## ■ COIL RATING (at 20 °C)

Nominal Voltage (VDC)	Coil Resistance ( $\Omega \pm 10\%$ )	Nominal Current (mA)	Pick-Up Voltage (VDC)	Drop-Out Voltage (VDC)	Power(mW) Consumption
3	25	120	2.25	0.3	360
5	70	72	3.75	0.5	
6	100	60	4.50	0.6	
9	225	40	6.75	0.9	
12	400	30	9.00	1.2	
24	1600	15	18.00	2.4	
48	6400	7.5	36.00	4.8	

## ■ ORDERING INFORMATION

**BS-115 C S-A-12A-12VDC**

Protection	Contact Arrangement	Contact Rating	Coil Voltage
Nil: Flux Free	Nil: 1 Form C	7A	See Coil Rating
S: Sealed	A: 1 Form A	12A	

## ■ SPECIFICATIONS

Model No.	BS-115C-7A	BS-115C-12A
<b>Contact Arrangement</b>	1 Form A, 1 Form C	
<b>Contact Material</b>	AgCdO	
<b>Contact Rating(at Resistive Load)</b>	7A 120VAC 5A 240VAC 5A 28VDC	12A 120VAC 10A 240VAC 10A 28VDC
<b>Max. Switching Voltage</b>	240VAC, 60VDC	
<b>Max. Switching Current</b>	7A	12A
<b>Min. Switching Load</b>	100mA 5VDC	
<b>Contact Resistance</b>	Max. 100mΩ (initial)	
<b>Insulation Resistance</b>	Min. 1000MΩ at 500VDC	
<b>Dielectric Strength</b>		
<b>Between Coil &amp; Contact</b>	1500VAC 50 HZ/60 HZ (1 minute)	
<b>Between Contacts</b>	750VAC 50 HZ/60 HZ (1 minute)	
<b>Surge Strength</b>	2000V	
<b>Operate Time</b>	Max. 10mSec.	
<b>Release Time</b>	Max. 5mSec.	
<b>Ambient Temperature</b>	-30 °C~ +70 °C	
<b>Vibration Resistance (Endurance)</b>	1.5mm D.A. 10-55HZ	
<b>Shock Resistance</b>	Min. 10G Unerror	
<b>Mechanical Life</b>	1 x 10 <sup>7</sup> operations (at no load)	
<b>Electrical Life</b>	1x 10 <sup>5</sup> operations (at rated load)	
<b>Weight</b>	Approx. 8g	

<p style="text-align: center;"><b>DIMENSIONS(mm)</b></p> <p style="text-align: center;">General Tolerance ±0.3</p>	<p style="text-align: center;"><b>WIRING DIAGRAM</b> (Bottom View)</p> <p style="text-align: center;"><b>PC board pattern (mm)</b> (Bottom View)</p> <p style="text-align: center;">General Tolerance ±0.1</p>
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