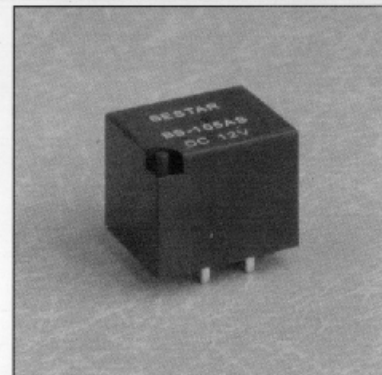


■ FEATURES

- Sub-Miniature size
- High level switching power
- Automotive relay designed for P.C.Board



■ COIL RATING (at 20 °C)

Nominal Voltage (VDC)	Coil Resistance ($\Omega \pm 10\%$)	Nominal Current (mA)	Pick-Up Voltage (VDC)	Drop-Out Voltage (VDC)	Maximum Allowable Voltage(VDC)	Power(W) Consumption
6	19	315	4.5	0.6	9.6	1.89
12	90	133	9	1.2	19.2	1.59
24	360	66	18	2.4	38.4	1.59

■ ORDERING INFORMATION

BS-105C S-12VDC-UR

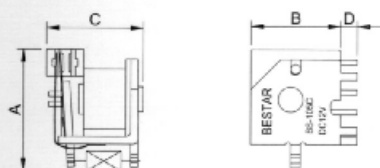
Contact Arrangement	Protection	Coil Voltage	Footprint
A: 1 Form A C: 1 Form C	Nil: Open type C: Dust Cover S: Sealed	See Coil Rating	Nil: USA Footprint UR:European Footprint

■ SPECIFICATIONS

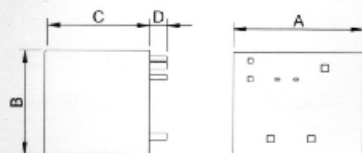
Model No.	BS-105A	BS-105C
Contact Arrangement	1 Form A	1 Form C
Contact Material	Ag Alloy	
Contact Rating (Resistive Load)	40A	30A
Contact Resistance	Max. 100mΩ (initial)	
Max. Switching Current	40A	30A
Max. Switching Voltage	250VAC, 30VDC	
Insulation Resistance	Min. 100MΩ at 500VDC	
Dielectric Strength	750VAC 50 HZ/60 HZ (1 minute)	
Operate Time	Max. 10mSec.	
Release Time	Max. 10mSec.	
Ambient Temperature	-40 °C~+85 °C	
Vibration Resistance (Endurance)	1.0mm D.A. 10-55HZ	
Shock Resistance	Unerror 10G	
Mechanical Life	1x 10 ⁷ operations (at no load)	
Electrical Life	1x 10 ⁵ operations (at rated load)	
Weight	Approx. 18g(Open), 22g(Sealed)	

DIMENSIONS(mm)

Open Type (Nil)



Sealed(S) & Dust Cover Type (C)

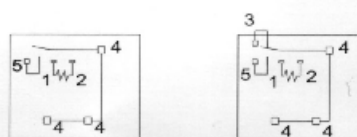


	Nil	C	S
A	24	26.5	26.5
B	20	22.5	22.5
C	18	21	21
D	4.0	3.5	3.5

General Tolerance ±0.3

WIRING DIAGRAM

(Bottom View)

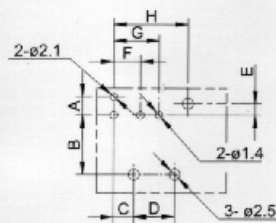


1 Form A

1 Form C

PC board pattern (mm)

(Bottom View)



	U.S.A Type			European Type		
	Nil	C	S	Nil	C	S
A		3.78			3.3	
B		11.89			12.1	
C		4.0			2.2	
D		8.2			11.0	
E		2.29			2.2	
F		5.35			5.8	
G		9.1			10.1	
H		14.8			15.9	

General Tolerance ±0.1

Nil: Open Type

C: Dust Cover Type · S: Sealed Type