

**date** 09/01/2017

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# SERIES: SD-BV | DESCRIPTION: STANDARD DIN CONNECTOR

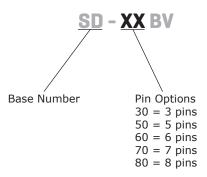
#### **FEATURES**

- PCB mount
- vertical
- shielded





## **PART NUMBER KEY**



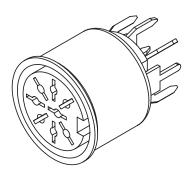
## **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				1	А
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			МΩ
voltage withstand	50/60 Hz at 0.5 A for 1 minute			500	Vac
insertion/withdrawal force		0.5		5.5	kg
operating temperature		-20		60	°C
storage temperature		-25		70	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	2011/65/EU				

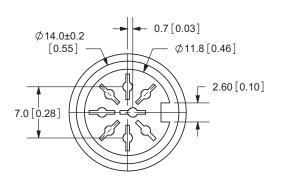
#### **MECHANICAL DRAWINGS**

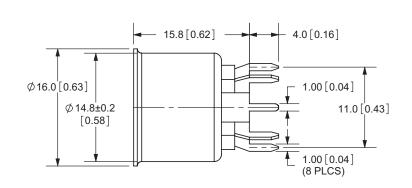
units: mm[inches]

TOLERANCE: ±0.5mm



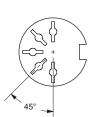
	MATERIAL	PLATING
contact terminals (1~8)	brass	tin
sleeve	PBS	tin
cover	iron sheet	nickel
mouth bushing	PBT-94V0 G15	



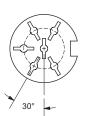


SD-30BV

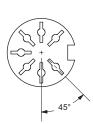
SD-50BV



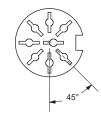
SD-60BV

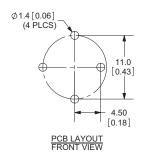


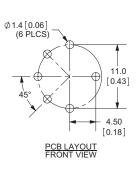
SD-70BV

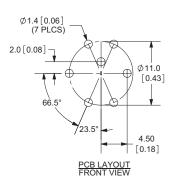


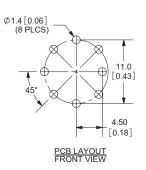
SD-80BV

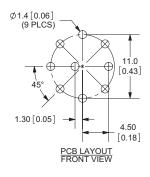












#### **REVISION HISTORY**

rev.	description	date	
1.0	initial release	02/23/2006	
1.01	new template applied	02/10/2012	
1.02	terminal plating changed to tin	01/12/2016	
1.03	updated datasheet	09/01/2017	

The revision history provided is for informational purposes only and is believed to be accurate.



Headquarters 20050 SW 112th Ave. Tualatin, OR 97062 800.275.4899

Fax 503.612.2383 cui.com techsupport@cui.com

CUI offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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