

SERIES: SD-BV | DESCRIPTION: STANDARD DIN CONNECTOR

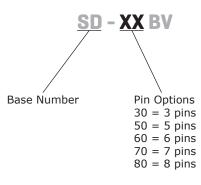
FEATURES

- PCB mount
- vertical
- shielded



.....

ROHS PART NUMBER KEY



SPECIFICATIONS

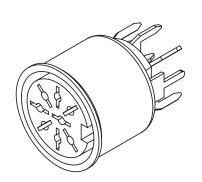
.....

parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				1	Α
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
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				

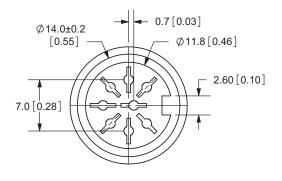
MECHANICAL DRAWINGS

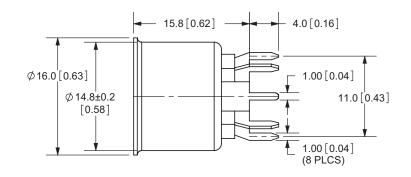
units: mm[inches]

TOLERANCE: ±0.5mm



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





<u>SD-30BV</u>

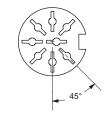
SD-50BV

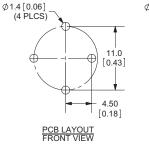
SD-60BV

SD-70BV

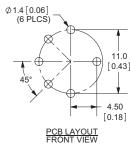
45

SD-80BV

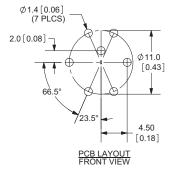




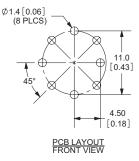
.....

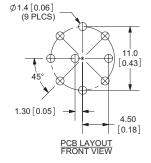


45°



30°





.....

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.

.....

CUI reserves the right to make changes to the product at any time without notice. Information provided by CUI is believed to be accurate and reliable. However, no responsibility is assumed by CUI for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

.....

CUI products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.