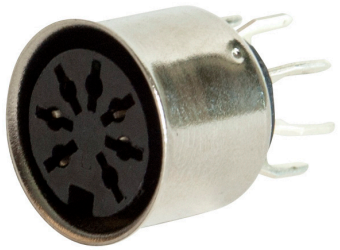
CUI DEVICES

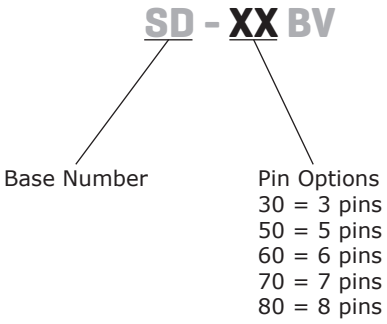
SERIES: SD-BV | DESCRIPTION: STANDARD DIN CONNECTOR

FEATURES
- PCB mount
- vertical
- shielded



RoHS

PART NUMBER KEY



SPECIFICATIONS

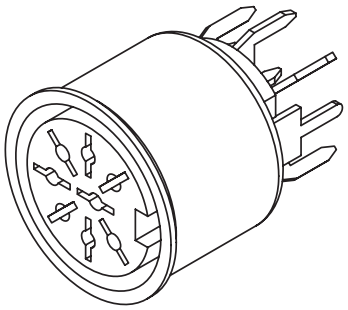
parameter	conditions/description	min	typ	max	units
rated input voltage			24		Vdc
rated input current				1	A
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	50/60 Hz at 0.5 A for 1 minute			500	Vac
insertion/withdrawal force		0.5		5.5	kg
operating temperature		-20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

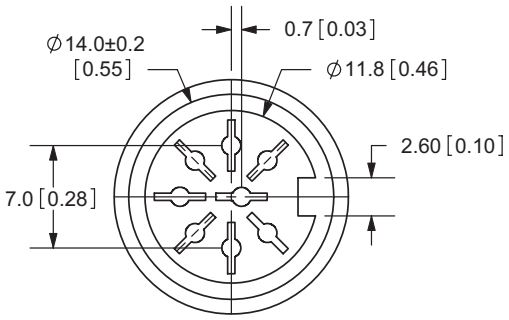
MECHANICAL DRAWINGS

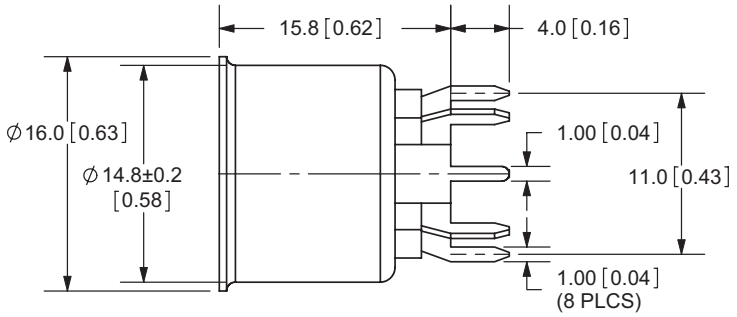
units: mm[inches]

TOLERANCE: ±0.5mm

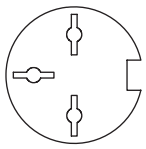
	MATERIAL	PLATING
contact terminals (1~8)	brass	tin
sleeve	PBS	tin
cover	iron sheet	nickel
mouth bushing	PBT-94V0 G15	

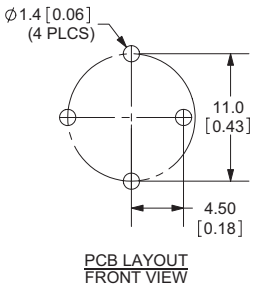




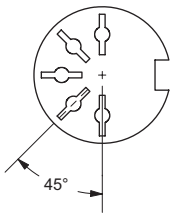


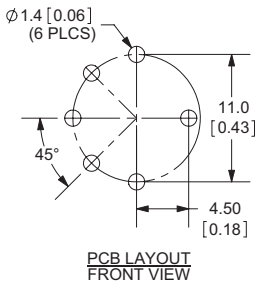
SD-30BV



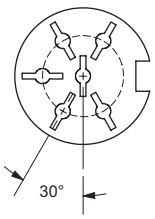


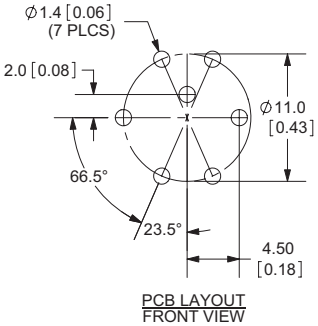
SD-50BV



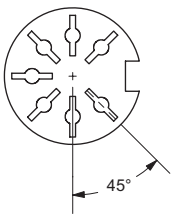


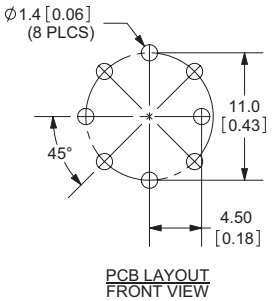
SD-60BV



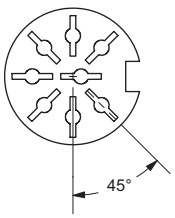


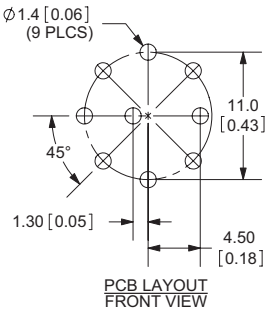
SD-70BV





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
1.04	brand update	02/19/2020

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