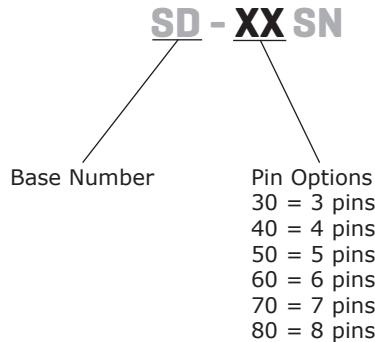


**SERIES: SD-SN | DESCRIPTION: STANDARD DIN CONNECTOR****FEATURES**

- panel mount
- vertical
- shielded

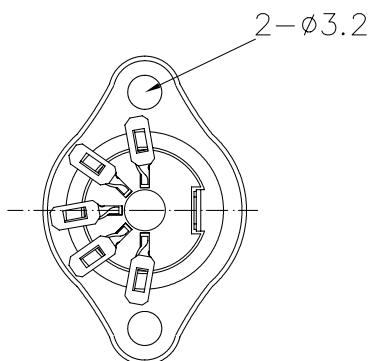
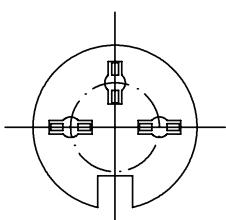
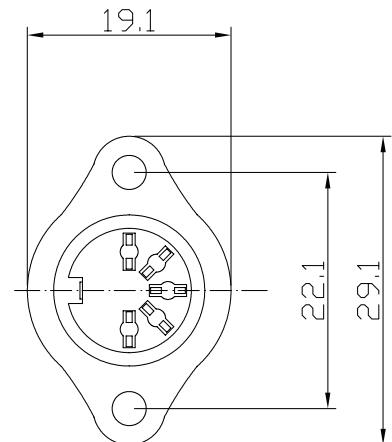
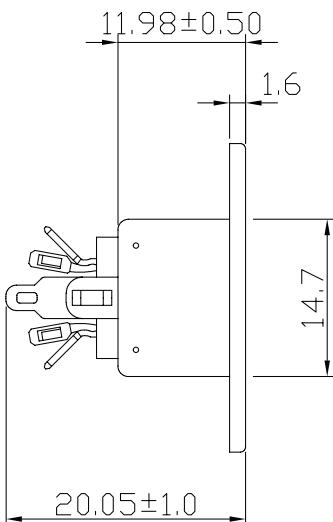
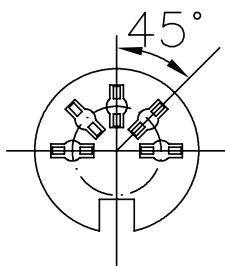
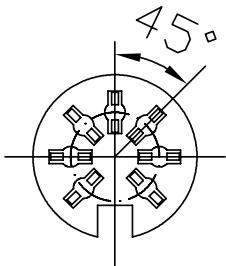
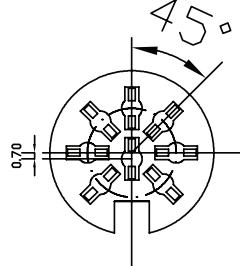
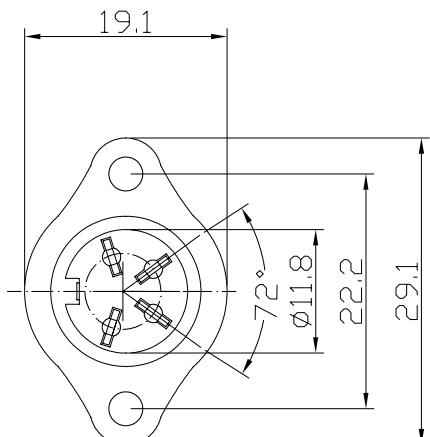
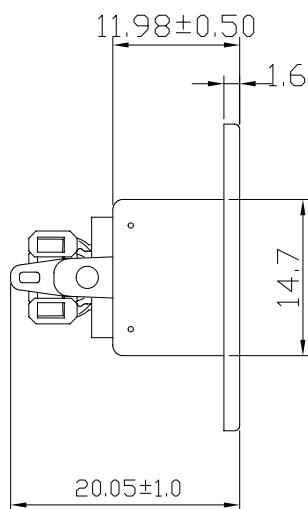
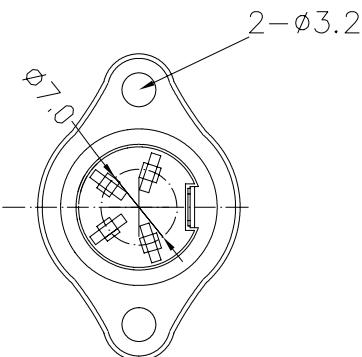
**PART NUMBER KEY****SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage		100	12		Vac Vdc
rated input current	at 100 Vac at 12 Vdc		1 2		A A
contact resistance	SD-40SN & SD-60SN all other models		20 30		mΩ mΩ
insulation resistance	at 500 Vdc, SD-40SN at 500 Vdc, all other models	300 100			MΩ MΩ
voltage withstand	for 1 minute			1,000	Vac
insertion force	SD-40SN all other models		6.5 4		kg kg
withdrawal force	SD-40SN all other models	1 1		5 3.5	kg kg
operating temperature		5		70	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

## MECHANICAL DRAWINGS

units: mm  
 tolerance:  
 X.X  $\pm 0.38$  mm  
 X.XX  $\pm 0.25$  mm  
 X.XXX  $\pm 0.150$  mm

	MATERIAL	PLATING
earth terminal	phosphor bronze	tin
contact pins (SD-40SN)	brass	tin
contact pins (all other models)	brass	silver
socket case	cold rolled steel	nickel
rivet	aluminum	nickel
insulator	PBT	

**SD-30SN****SD-40SN****SD-50SN****SD-70SN****SD-80SN**

## MECHANICAL DRAWINGS (CONTINUED)

units: mm

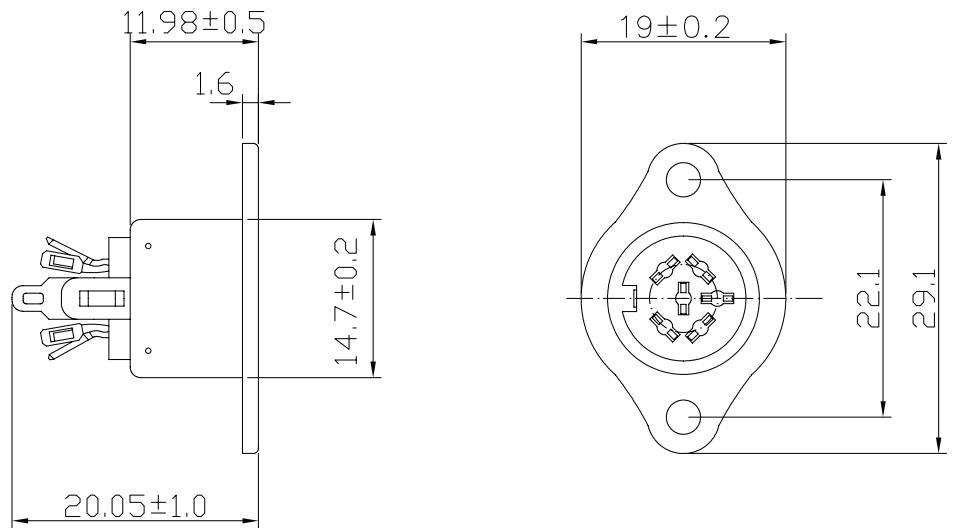
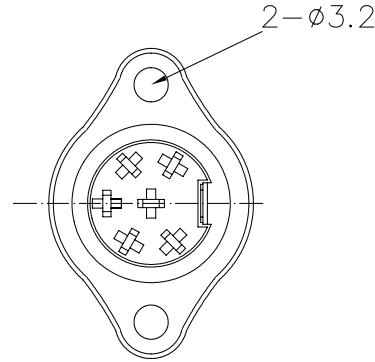
tolerance:

X.X  $\pm 0.38$  mm

X.XX  $\pm 0.25$  mm

X.XXX  $\pm 0.150$  mm

### **SD-60SN**



## REVISION HISTORY

rev.	description	date
1.0	initial release	02/23/2006
1.01	new template applied	02/10/2012
1.02	housing dimensions of SD-40SN changed	05/21/2014
1.03	housing dimensions of SD-60SN changed	09/01/2015
1.04	front face slots rotated on SD-40SN	10/26/2016
1.05	new tooling for housings	12/20/2016
1.06	brand update	02/19/2020

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

# CUI DEVICES

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

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