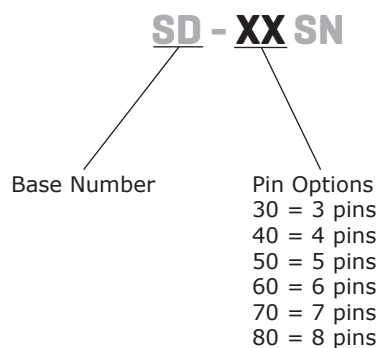


**SERIES:** SD-SN | **DESCRIPTION:** STANDARD DIN CONNECTOR

**FEATURES**

- panel mount
- vertical
- shielded

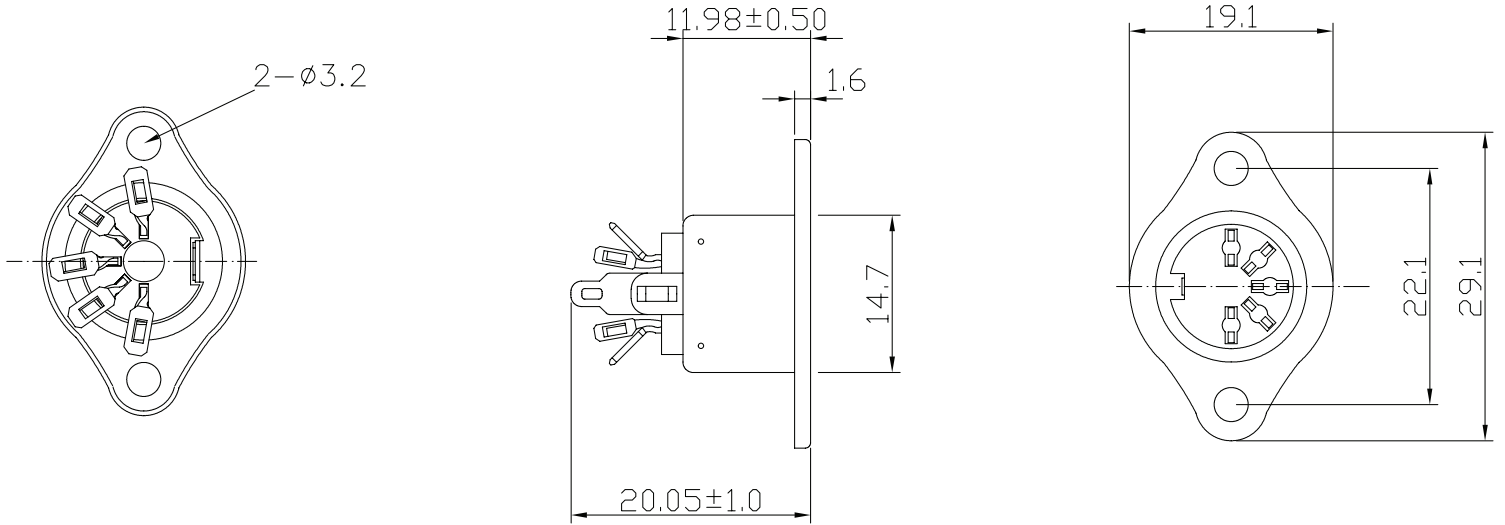

**PART NUMBER KEY**

**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	2011/65/EU				

## 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	

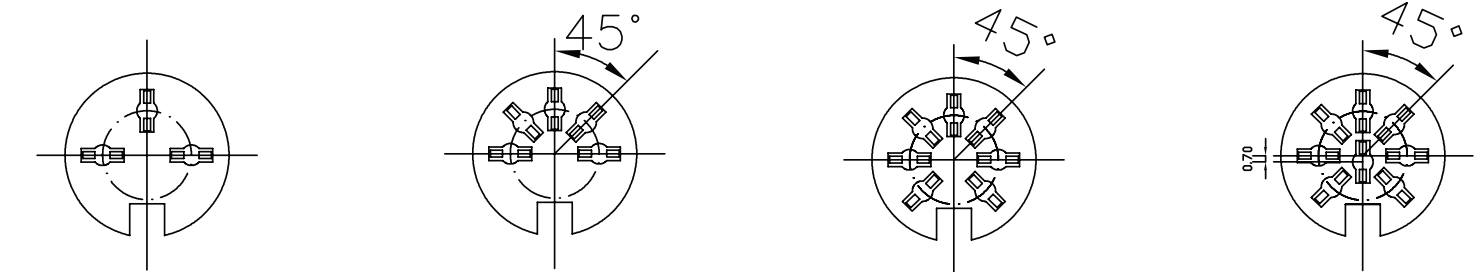


**SD-30SN**

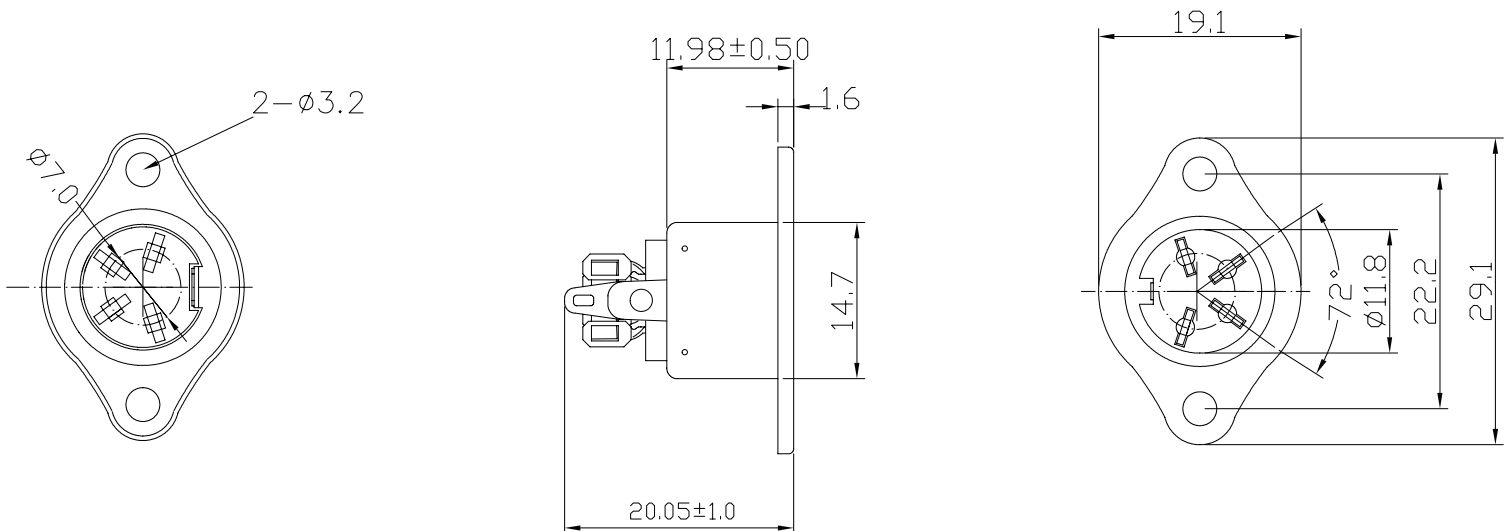
**SD-50SN**

**SD-70SN**

**SD-80SN**

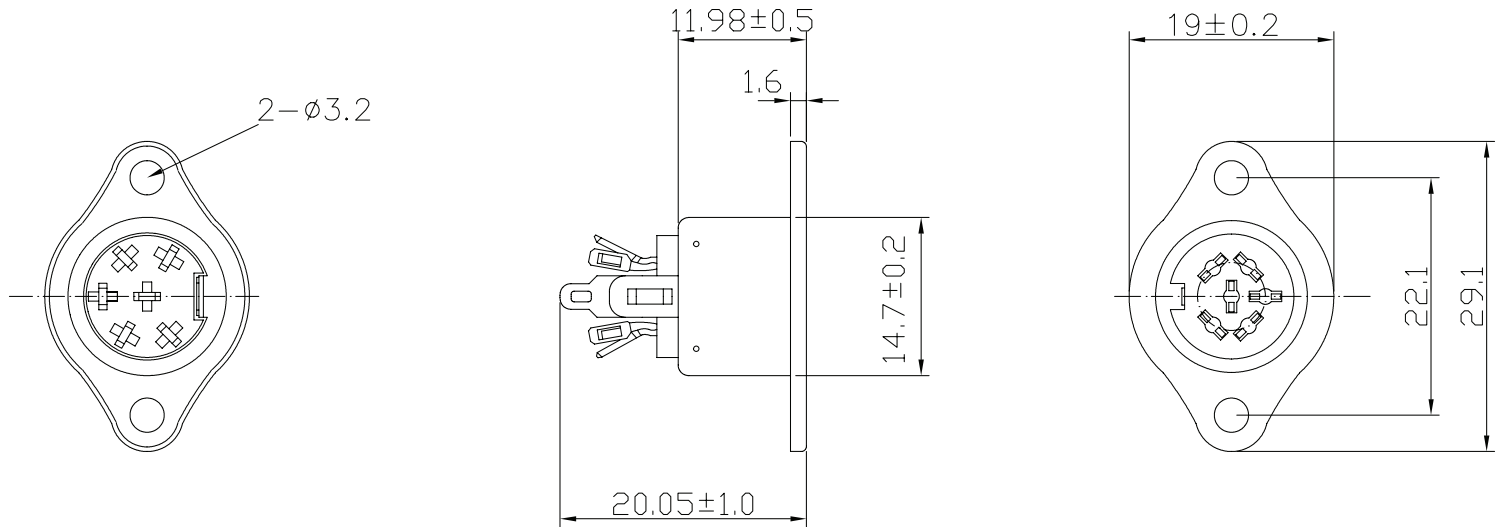


**SD-40SN**



**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

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



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

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