

date 12/20/2016

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SERIES: SD-SN | DESCRIPTION: STANDARD DIN CONNECTOR

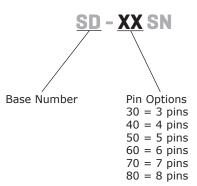
FEATURES

- panel mount
- vertical
- shielded





PART NUMBER KEY



SPECIFICATIONS

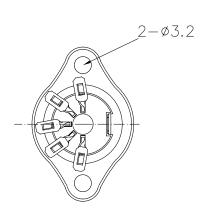
parameter	conditions/description	min	typ	max	units
rated input voltage			100 12		Vac Vdc
rated input current	at 100 Vac at 12 Vdc			1 2	A A
contact resistance	SD-40SN & SD-60SN all other models			20 30	$m\Omega$
insulation resistance	at 500 Vdc, SD-40SN at 500 Vdc, all other models	300 100			MΩ MΩ
voltage 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				

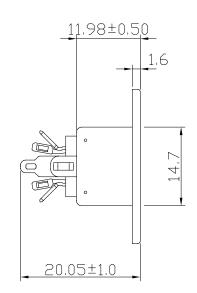
CUI Inc | SERIES: SD-SN | DESCRIPTION: STANDARD DIN CONNECTOR

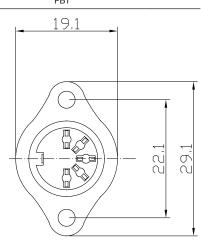
MECHANICAL DRAWINGS

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

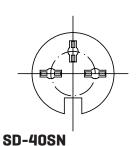
	MATERIAL	PLATING
earth terminal	phosphor bronze	tin
contact pins (SD-40SN)	brass	tin
contact pins (all other models)	brass	silver
socket case	cold rolled steel	nickel
rivet	aluminum	nickel
insulator	PBT	



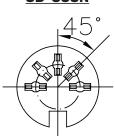




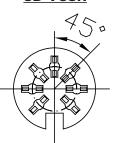
SD-30SN



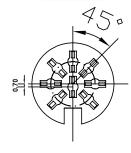
<u>SD-50SN</u>

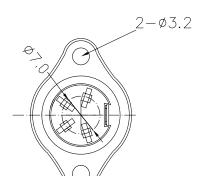


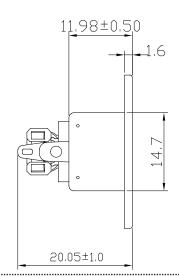
<u>SD-70SN</u>

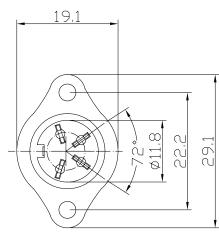


SD-80SN





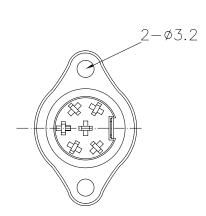


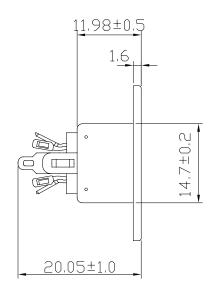


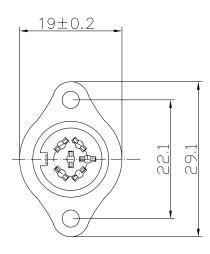
MECHANICAL DRAWINGS (CONTINUED)

units: mm tolerance: $X.X \pm 0.38 \text{ mm}$ $X.XX \pm 0.25 \ mm$ X.XXX ±0.150 mm

SD-60SN







CUI Inc | SERIES: SD-SN | DESCRIPTION: STANDARD DIN CONNECTOR

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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