Additional Resources: Product Page | 3D Model



date 09/12/2024 page 1 of 4

SERIES: SD-SN | DESCRIPTION: STANDARD DIN CONNECTOR

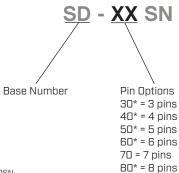
FEATURES

- panel mount
- vertical
- shielded





PART NUMBER KEY



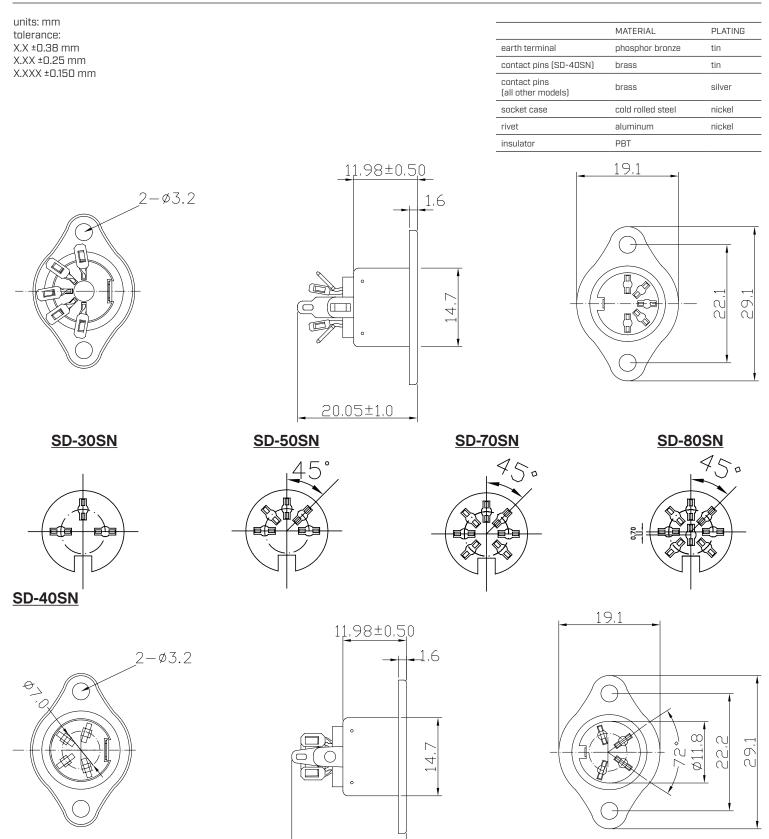
Note: *. Discontinued SD-30SN, SD-40SN, SD-50SN, SD-60SN & SD-80SN

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			ΜΩ ΜΩ
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				

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MECHANICAL DRAWINGS



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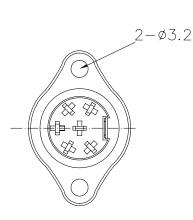
20.05±1.0

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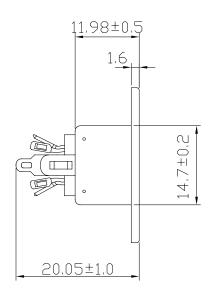
MECHANICAL DRAWINGS (CONTINUED)

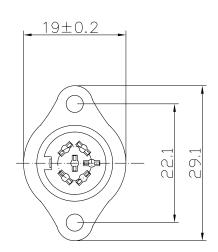
units: mm tolerance: X.X ±0.38 mm X.XX ±0.25 mm X.XXX ±0.150 mm





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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
1.07	logo, datasheet style update	08/05/2022
1.08	discontinued models SD-30SN, SD-40SN & SD-50SN	09/26/2022
1.09	discontinued model SD-80SN	09/26/2023
1.10	discontinued model SD-60SN	10/04/2023
1.11	CUI Devices rebranded to Same Sky	09/12/2024

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

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

same sky

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Same Sky 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.