



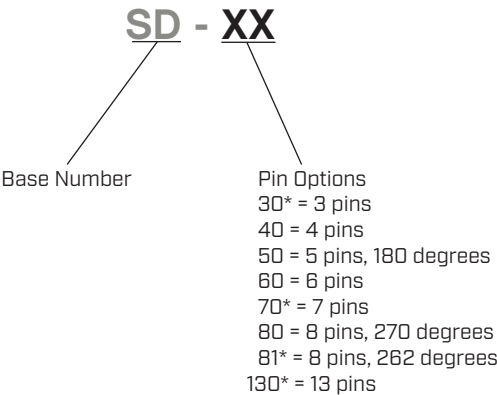
SERIES: SD | DESCRIPTION: STANDARD DIN CONNECTOR

FEATURES

- strain relief
- 3~13 pins
- 100 Vac rated



PART NUMBER KEY



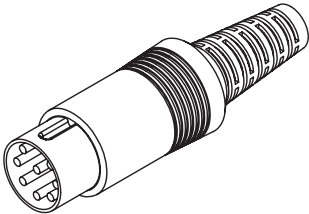
Note: *. Discontinued SD-30, SD-70- SD-81, & SD-130 models.

SPECIFICATIONS

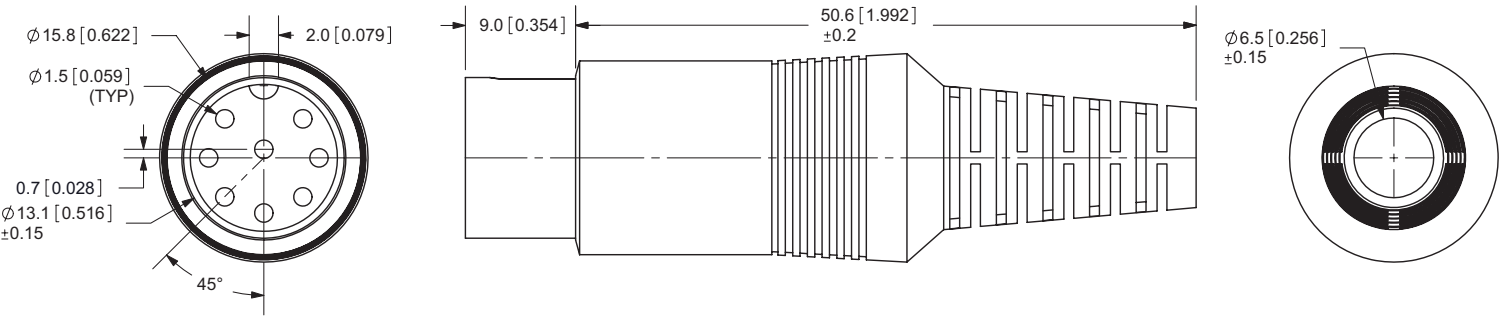
parameter	conditions/description	min	typ	max	units
rated input voltage			100 12		Vac Vdc
rated input current	at 100 Vac at 12 Vdc			1 2	A A
contact resistance				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			1,000	Vac
insertion force				4	kg
withdrawal force		1		3.5	kg
operating temperature		5		70	°C
life			5,000		cycles
RoHS	yes				

MECHANICAL DRAWINGS

units: mm[inches]
tolerance: ±0.1 mm



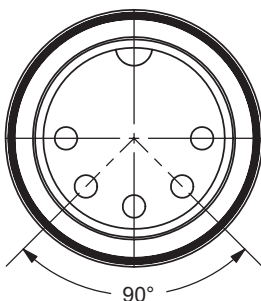
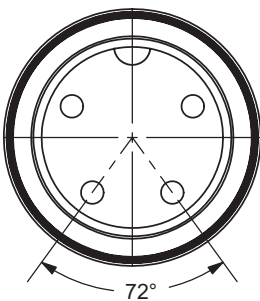
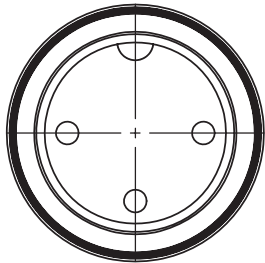
	MATERIAL	PLATING
contact pins {30-80}	brass	nickel
contact pins {81, 130}	brass	silver
shell	steel	nickel
insulator {30-80, 130}	PBT	
insulator {81}	ABS	
boot	EVA	



SD-30

SD-40

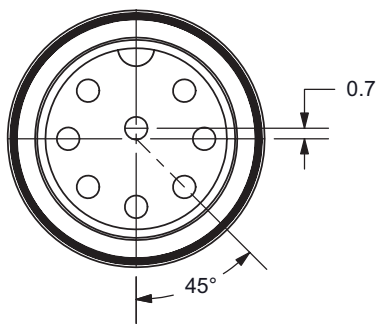
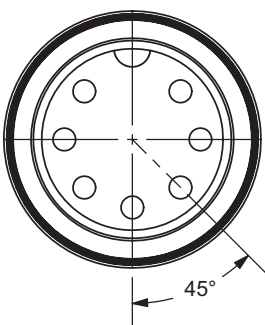
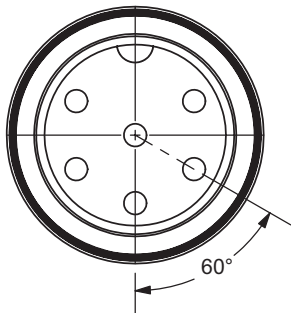
SD-50



SD-60

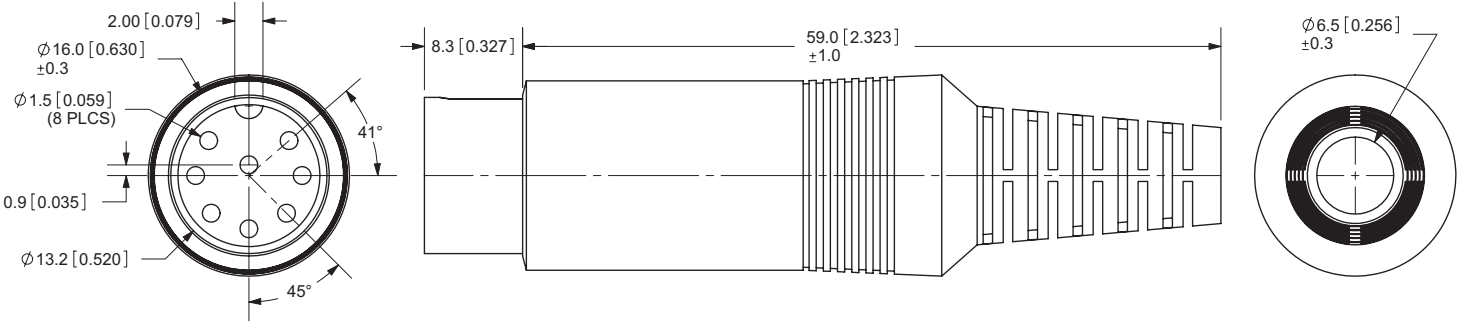
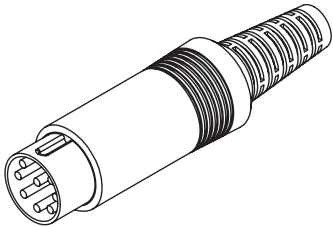
SD-70

SD-80

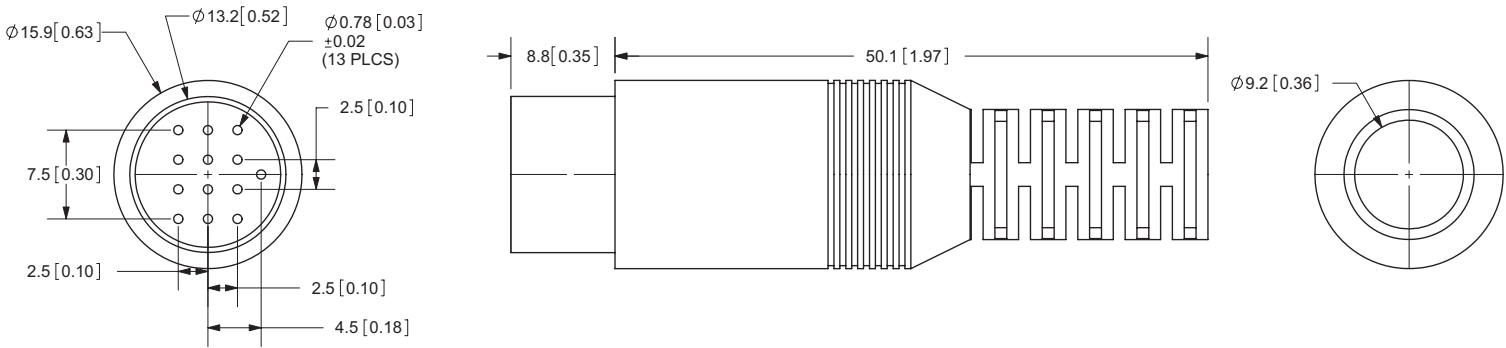
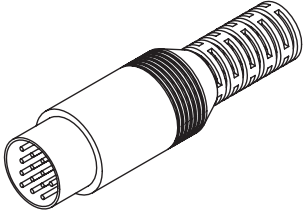


units: mm[inches]
tolerance: ±0.1 mm

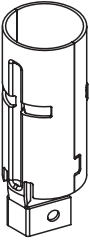
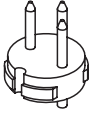
SD-81

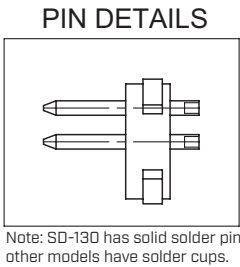
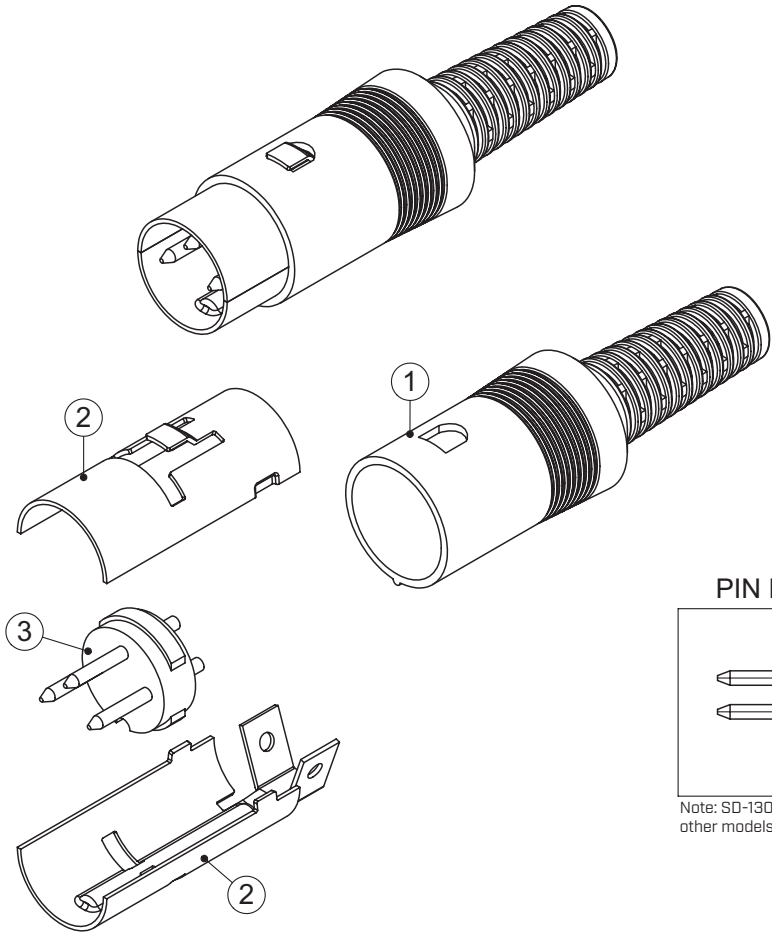


SD-130

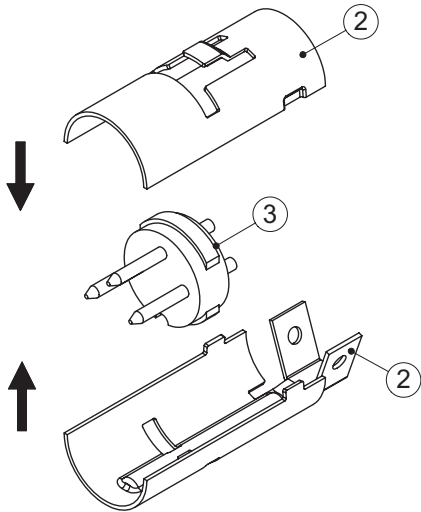


MECHANICAL ASSEMBLY

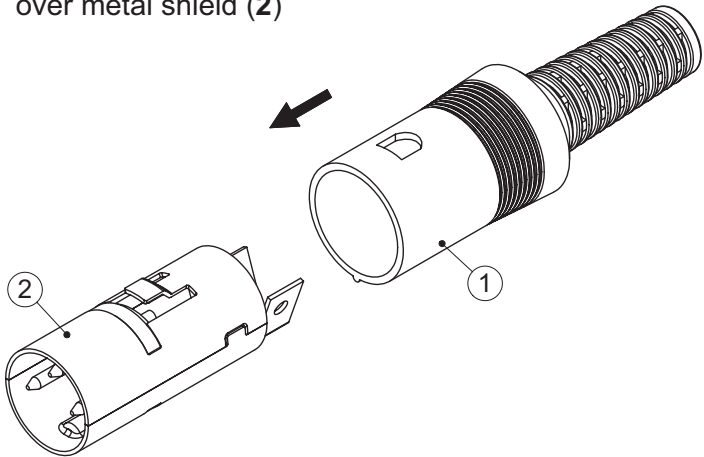
1	cover	
2		
3	housing	



STEP 1
solder wires to
housing (3),
assemble metal
shield pieces (2)
onto housing (3)



STEP 2
slide cover (1)
over metal shield (2)



REVISION HISTORY

rev.	description	date
1.0	initial release	02/23/2006
1.01	new template applied	02/15/2012
1.02	updated housings	04/12/2012
1.03	corrected center pin positioning on SD-80	09/13/2013
1.04	updated datasheet	05/22/2017
1.05	updated datasheet	10/16/2018
1.06	brand update	02/19/2020
1.07	logo, datasheet style update	08/05/2022
1.08	discontinued model SD-30	09/26/2022
1.09	discontinued model SD-70	01/10/2023
1.10	discontinued model SD-81	02/08/2023
1.11	discontinued model SD-130	04/19/2023
1.12	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.

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