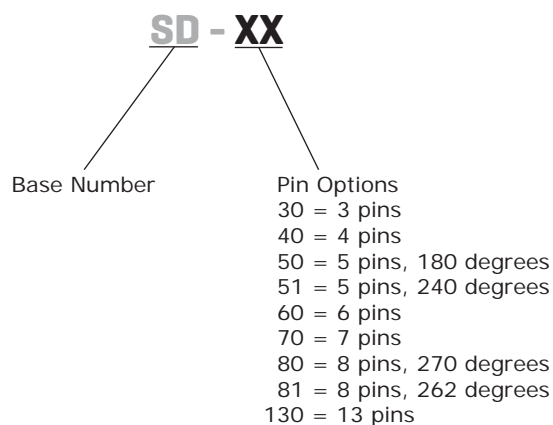


**SERIES:** SD | **DESCRIPTION:** STANDARD DIN CONNECTOR
**FEATURES**

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

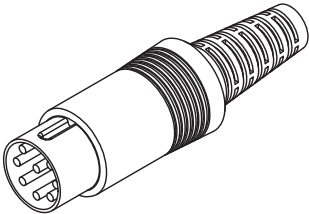
**PART NUMBER KEY****SPECIFICATIONS**

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				30	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			1,000	Vac
insertion force				4	kg
withdrawl force		1		3.5	kg
operating temperature		5		70	°C
life			5,000		cycles

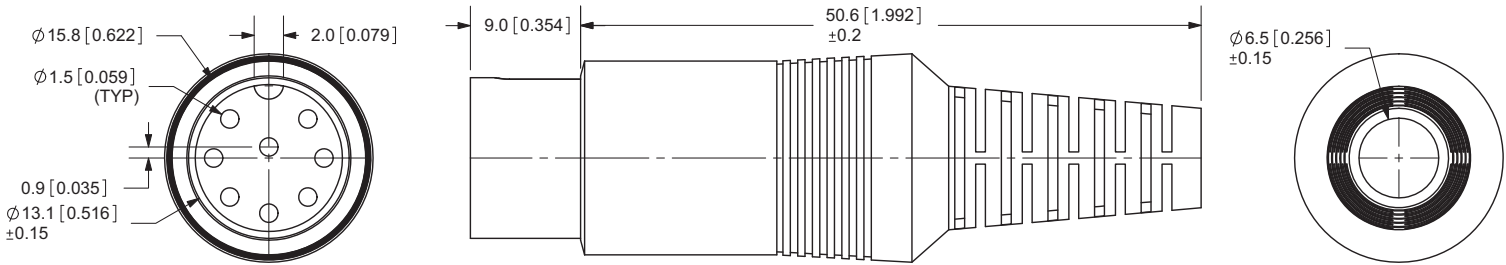
MECHANICAL DRAWINGS

units: mm[inches]

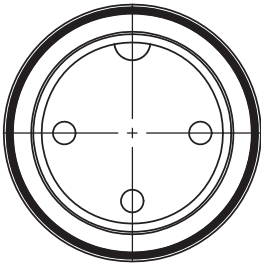
TOLERANCE:  $\pm 0.1\text{mm}$



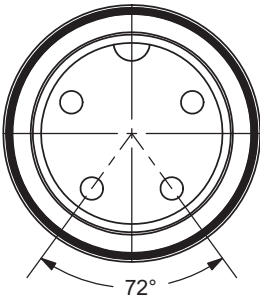
	MATERIAL	PLATING
contact pins (30~80)	brass	nickel
contact pins (81, 130)	brass	silver
shell	steel	nickel
insulator (30~80, 130)	PBT	
insulator (81)	ABS	
boot	EVA	



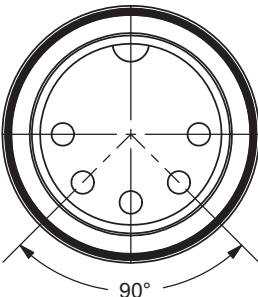
**SD-30**



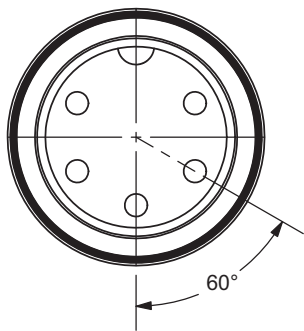
**SD-40**



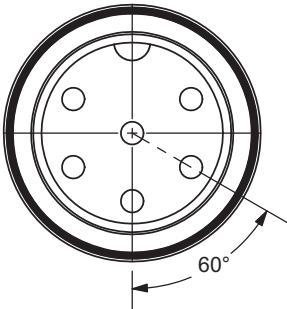
**SD-50**



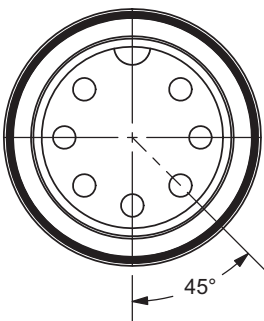
**SD-51**



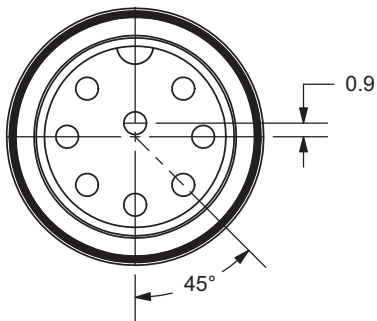
**SD-60**



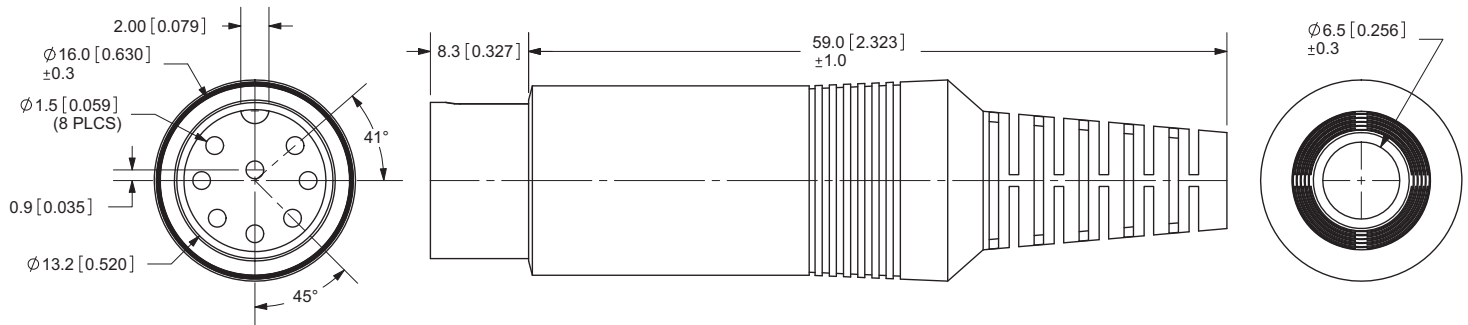
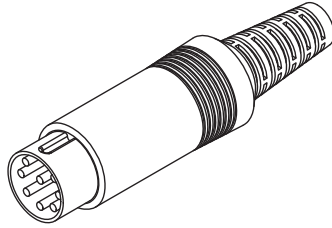
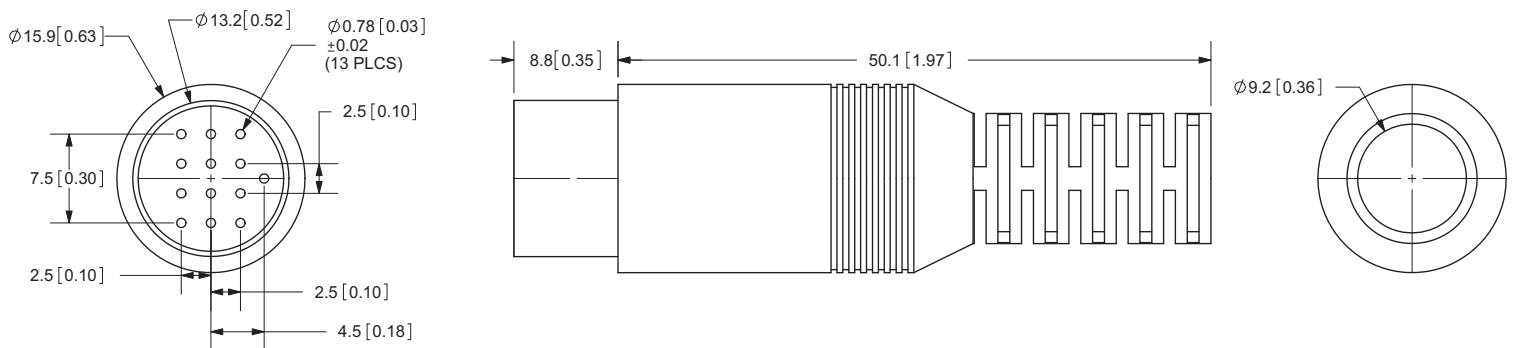
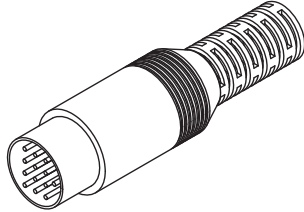
**SD-70**



**SD-80**

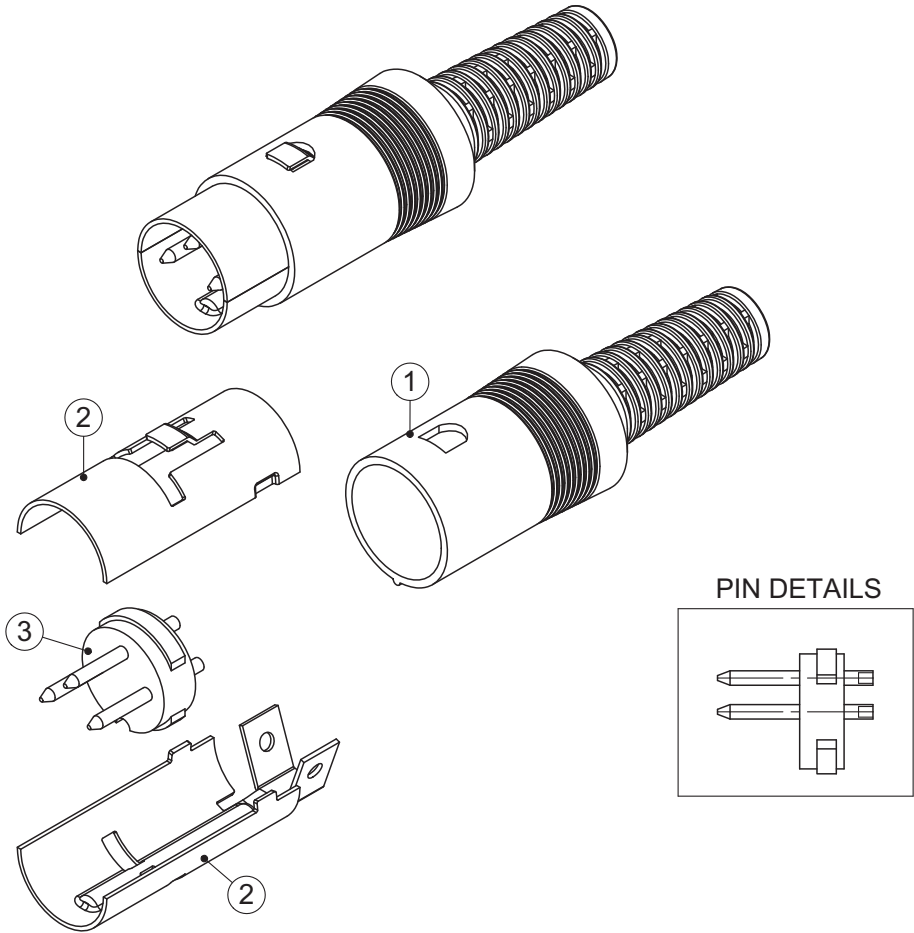


units: mm[inches]

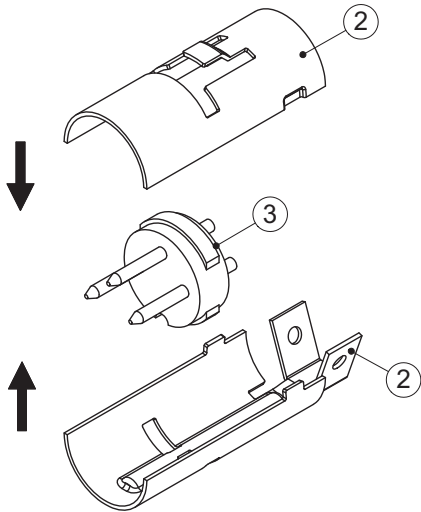
TOLERANCE:  $\pm 0.1\text{mm}$ **SD-81****SD-130**

**MECHANICAL ASSEMBLY**

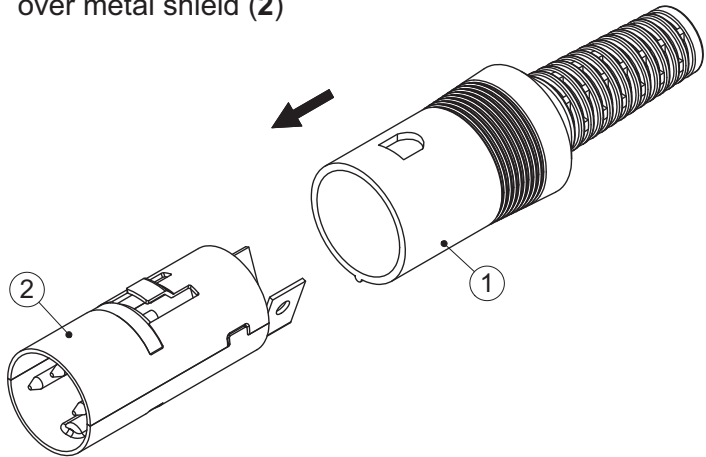
1	cover
2	metal shield
3	housing



**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

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



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