


**SERIES:** SDS-XXJ | **DESCRIPTION:** STANDARD DIN CONNECTOR
**FEATURES**

- PCB mount
- right angle orientation
- 3~8, 13 pins

**PART NUMBER KEY****SDS - XX J**

Base Number

Pin Options

30 = 3 pins

40 = 4 pins

50 = 5 pins, 180 degrees

51 = 5 pins, 240 degrees

60 = 6 pins

70 = 7 pins

80 = 8 pins

SDD-130J = 13 pins

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage	all models		100		Vac
	130 model		12		Vdc
	all other models		24		Vdc
rated input current	130 model, at 100 Vac			1	A
	all other models, at 100 Vac			2	A
	130 model, at 12 Vdc			2	A
	all other models, at 24 Vdc			1	A
contact resistance				20	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion force	130 model			3	kg
	all other models			5	kg
withdrawl force	40 model	0.6		3	kg
	130 model	0.5		2	kg
	all other models	1		3.5	kg
operating temperature		-40		85	°C
life			1,000		cycles

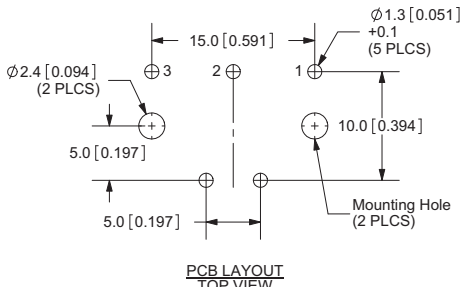
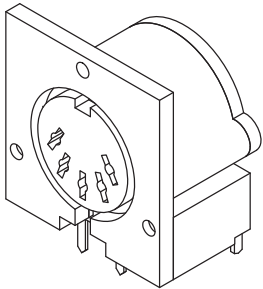
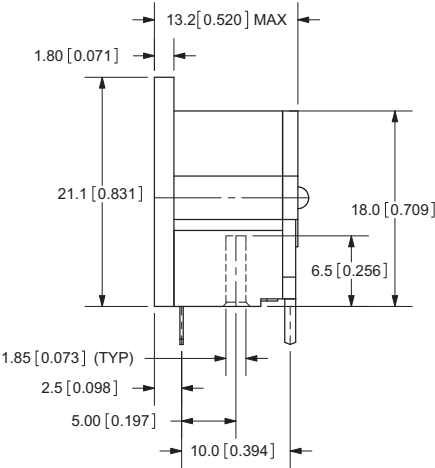
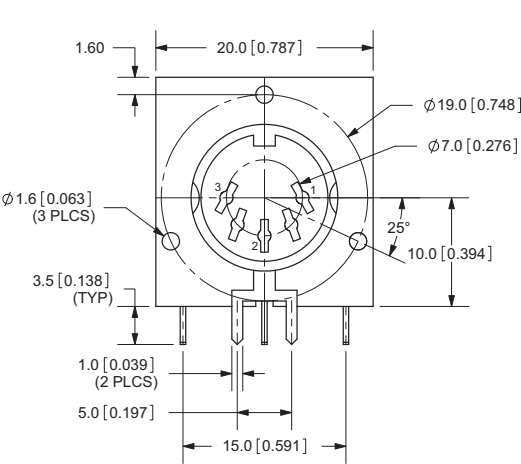
MECHANICAL DRAWINGS

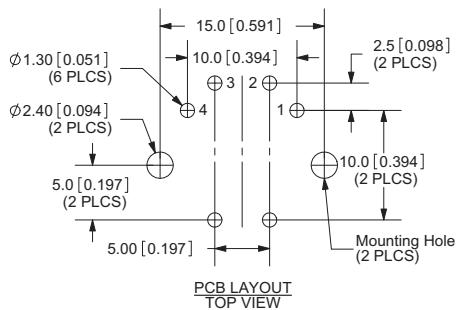
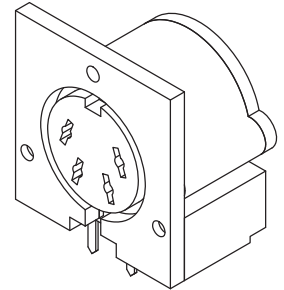
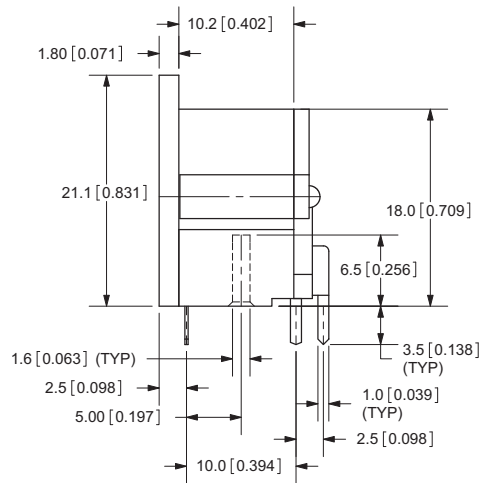
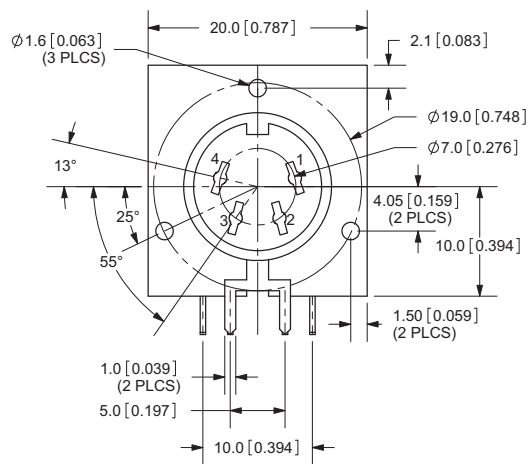
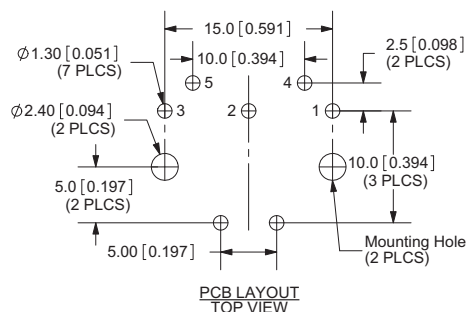
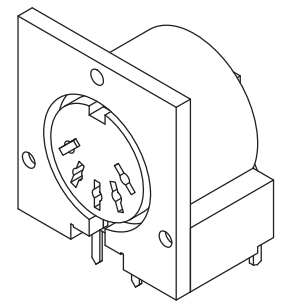
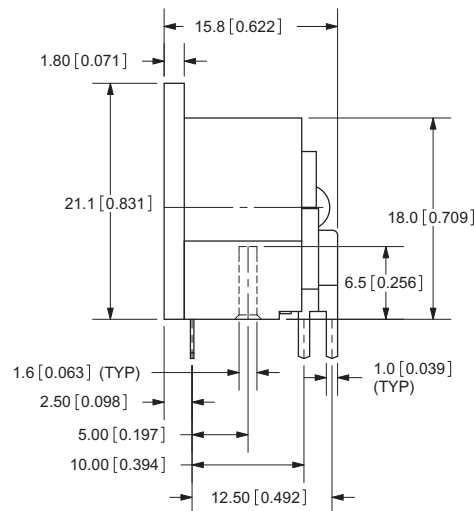
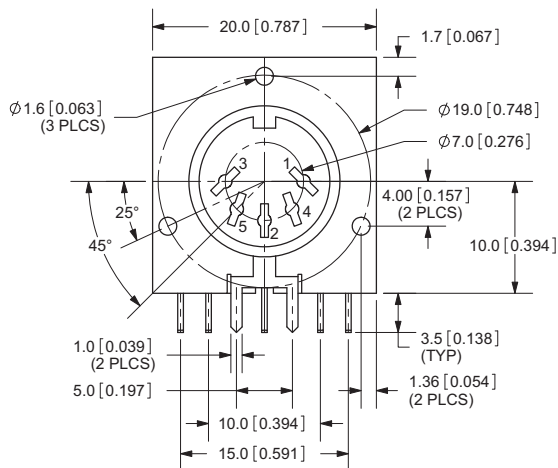
units: mm[inches]

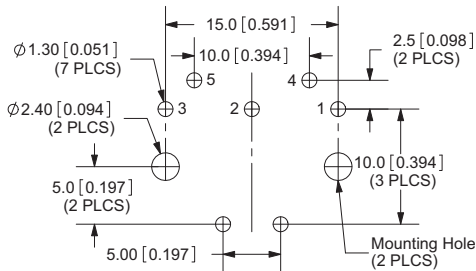
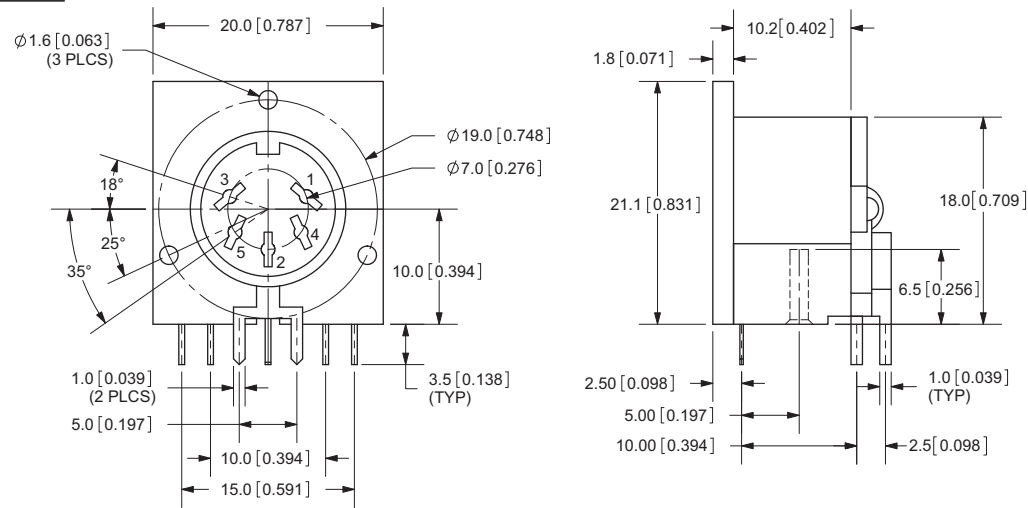
TOLERANCE: ±0.2mm

	MATERIAL	PLATING
earth terminal (30~80)	phosphor bronze	tin
earth terminal (130)	phosphor bronze	silver
contact terminals (30~80)	brass	tin
contact terminals (130)	phosphor bronze	silver
plate (30~60)	bakelite	
plate (70, 80, 130)	N/A	
plastic	PBT	

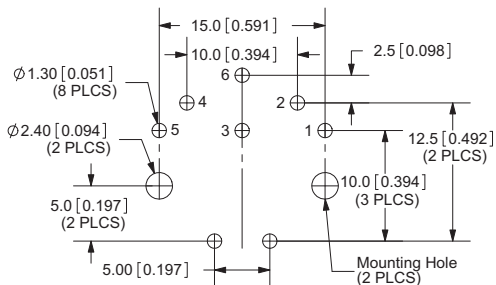
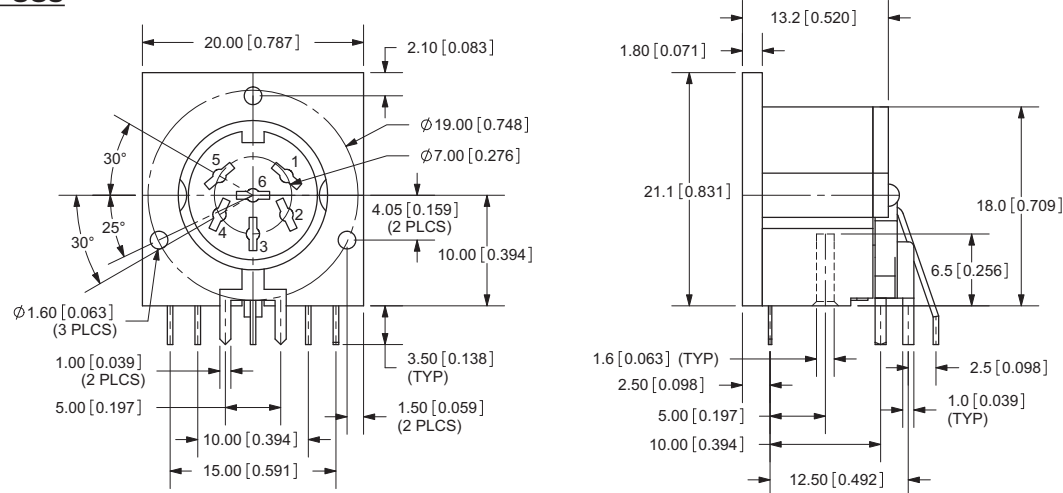
SDS-30J

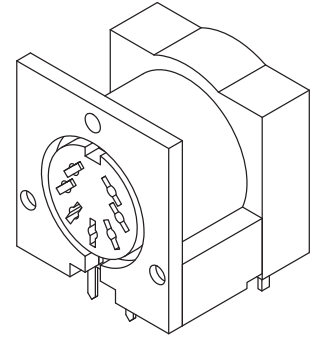
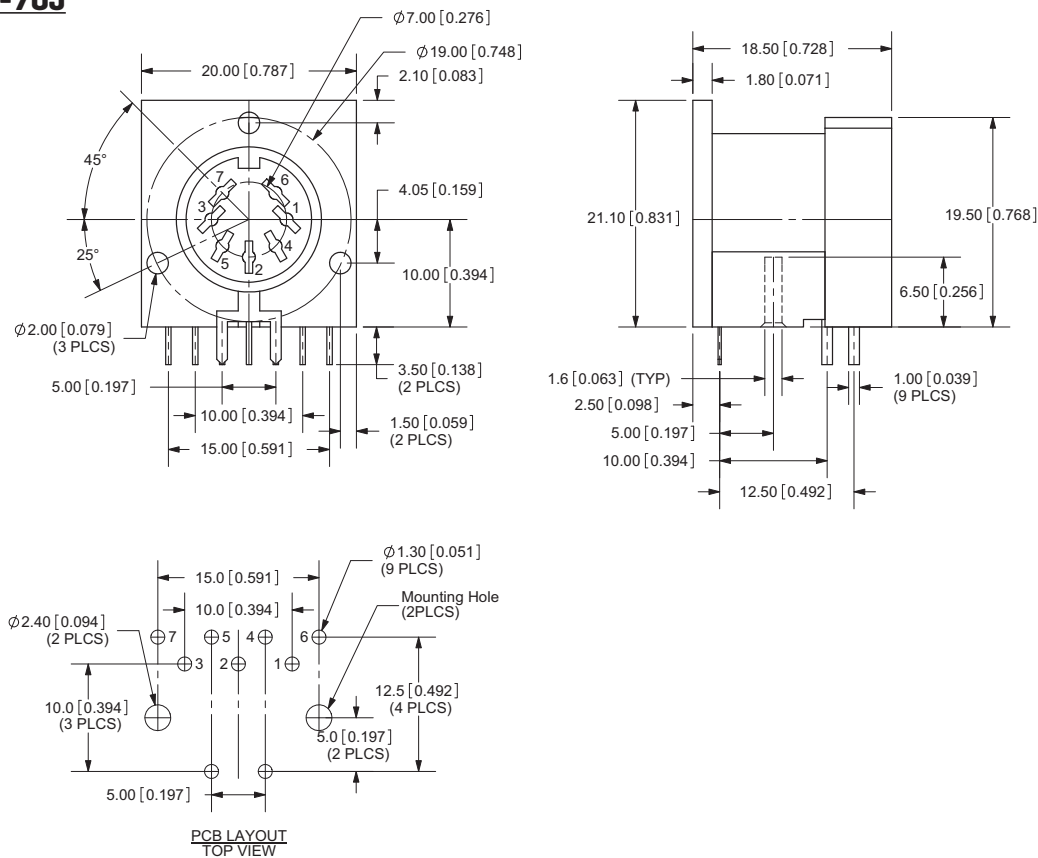
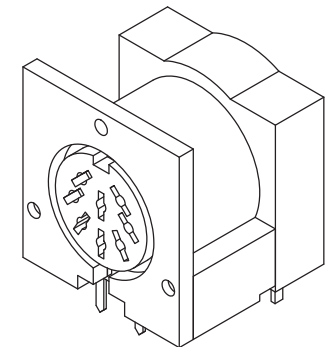
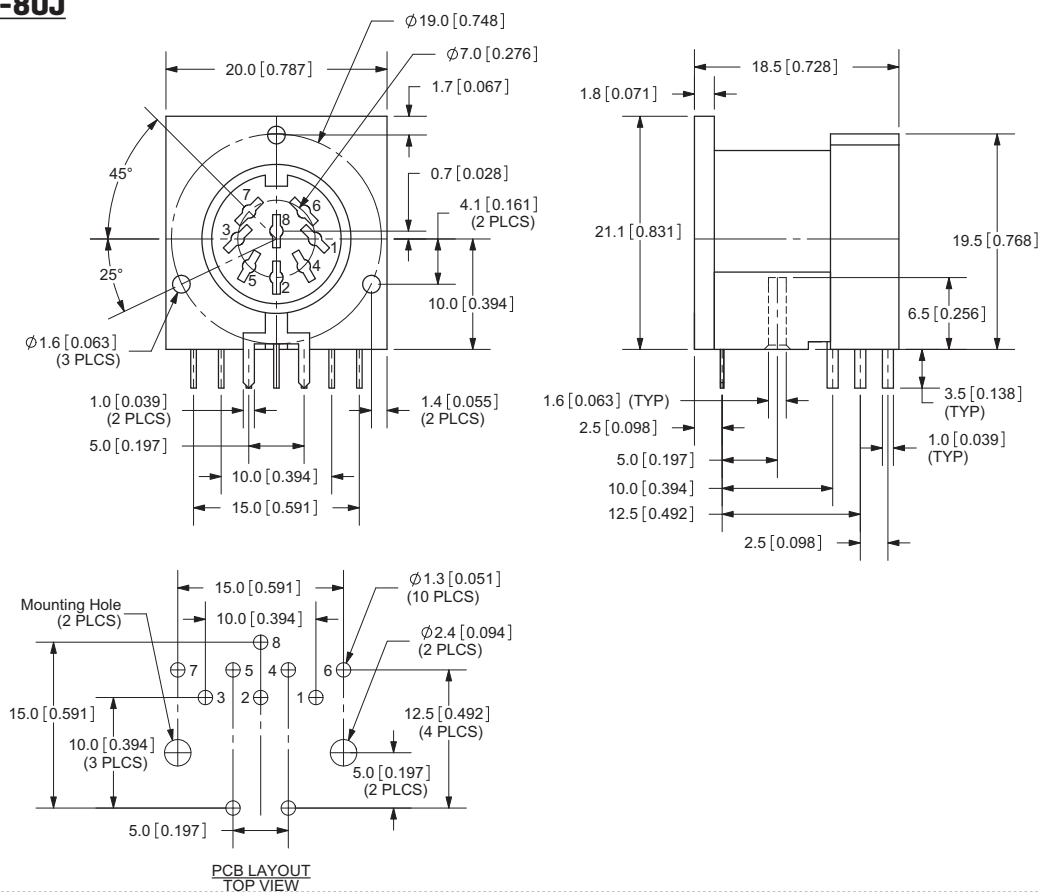


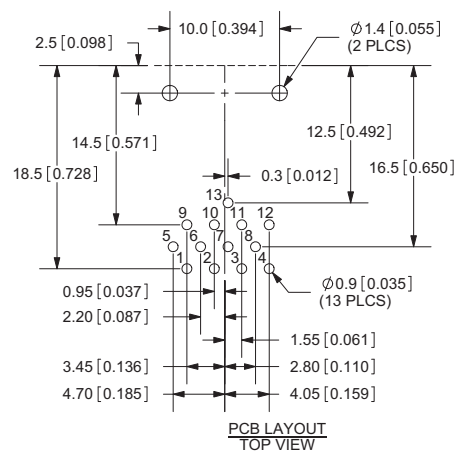
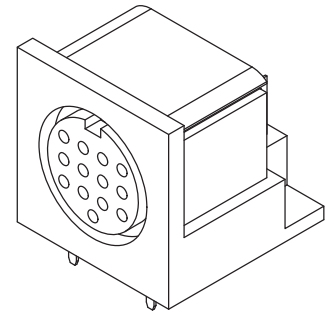
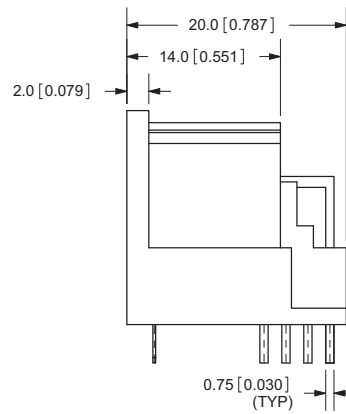
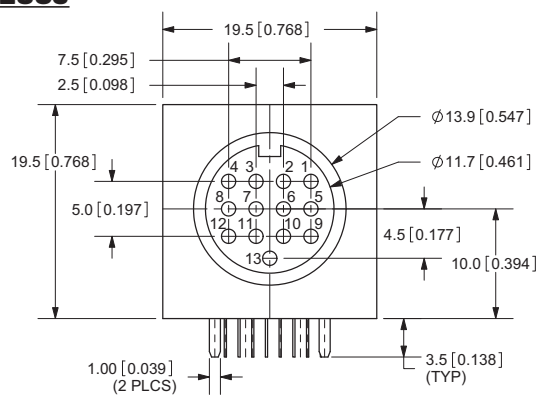
**SDS-40J****SDS-50J**

**SDS-51J**

PCB LAYOUT

**SDS-60J**PCB LAYOUT  
TOP VIEW

**SDS-70J****SDS-80J**

**SDD-130J**

## REVISION HISTORY

rev.	description	date
1.0	initial release	02/23/2006
1.01	new template applied	04/26/2012
1.02	updated spec	01/15/2014

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



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