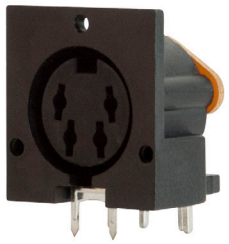
CUI DEVICES

SERIES: SDS-J | DESCRIPTION: STANDARD DIN CONNECTOR

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



RoHS

PART NUMBER KEY

SDS - XX J

Base Number

Pin Options
30* = 3 pins
40 = 4 pins
50 = 5 pins, 180 degrees
60 = 6 pins
70 = 7 pins
80 = 8 pins
SDD-130J = 13 pins

Notes: *Discontinued model SDS-30J

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated input voltage	all models 130 model all other models		100 12 24		Vac Vdc Vdc
rated input current	130 model, at 100 Vac all other models, at 100 Vac 130 model, at 12 Vdc all other models, at 24 Vdc			1 2 2 1	A A A A
contact resistance				20	mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion force	130 model all other models			3 5	kg kg
withdrawal force	40 model 130 model all other models	0.6 0.5 1		3 2 3.5	kg kg kg
operating temperature		-40		85	°C
life			1,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

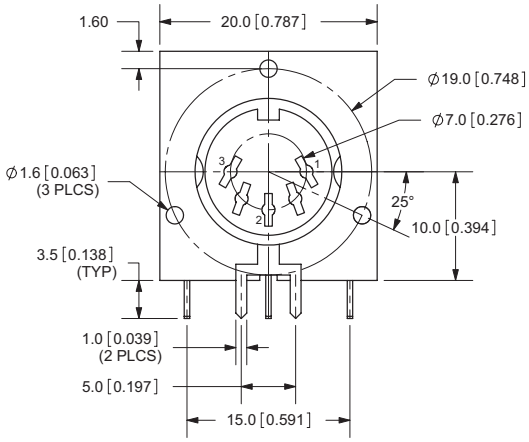
MECHANICAL DRAWINGS

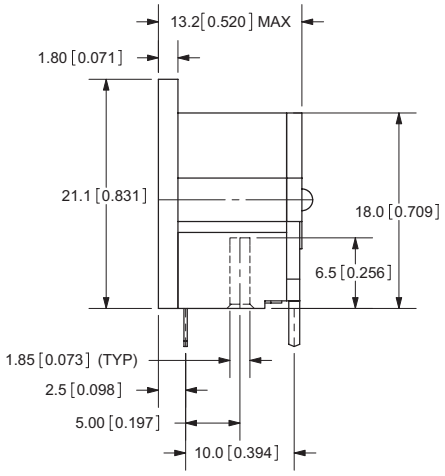
units: mm[inches]

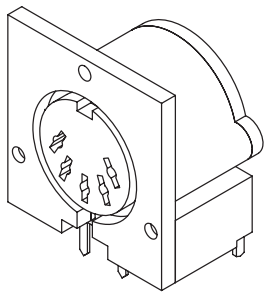
TOLERANCE: ±0.2mm

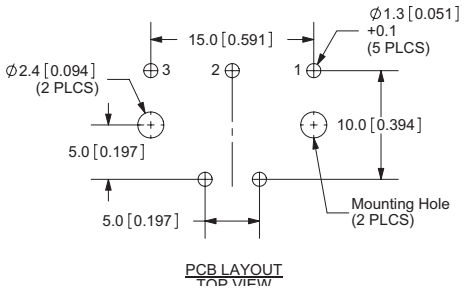
	MATERIAL	PLATING
earth terminal (30~80)	phosphor bronze	tin
earth terminal (130)	phosphor bronze	silver
contact terminals (30~80)	brass	tin
contact terminals (130)	phosphor bronze	silver
plate (30~60)	bakelite	
plate (70, 80, 130)	N/A	
plastic	PBT	

SDS-30J





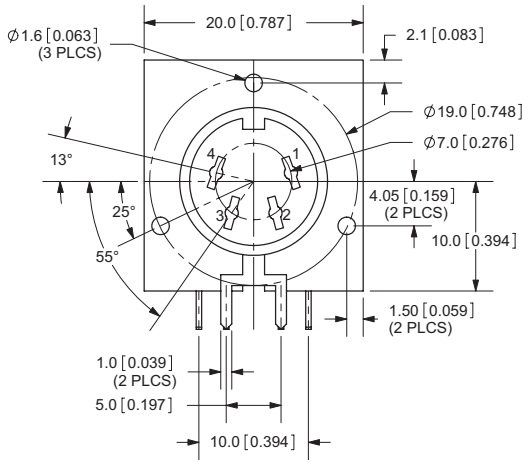


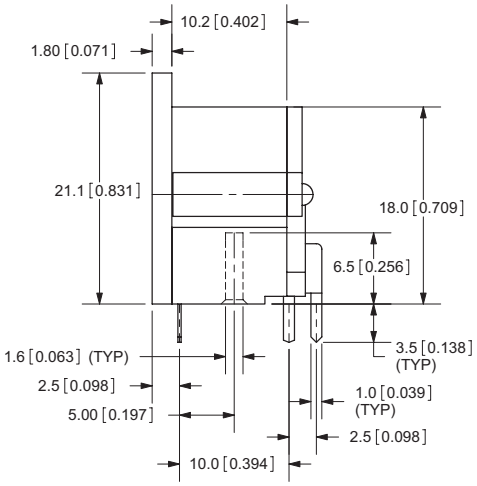


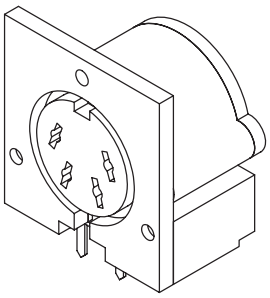
PCB LAYOUT
TOP VIEW

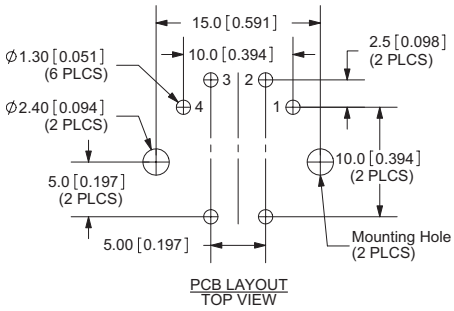
MECHANICAL DRAWINGS (CONTINUED)

SDS-40J

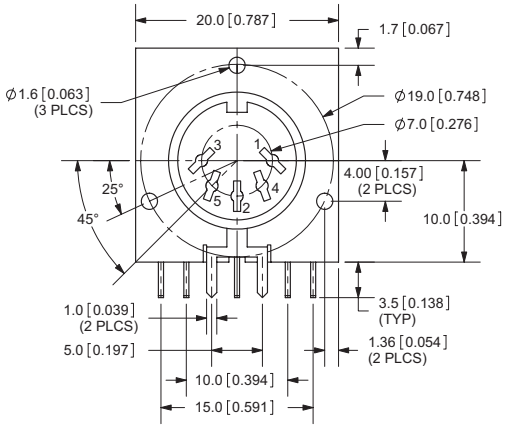


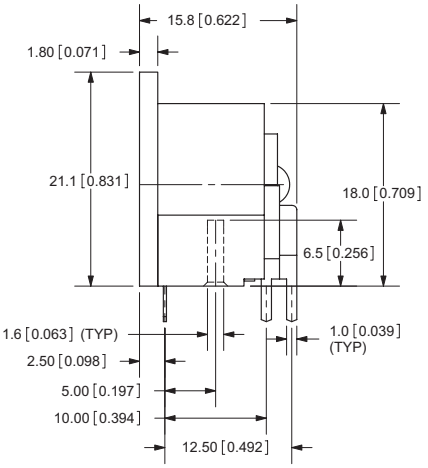


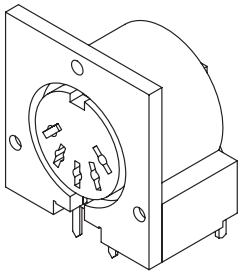


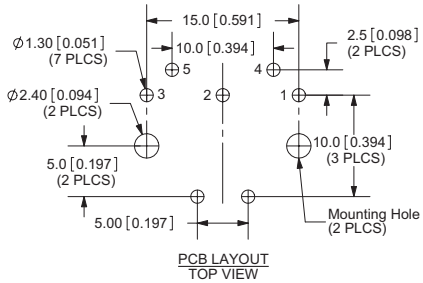


SDS-50J



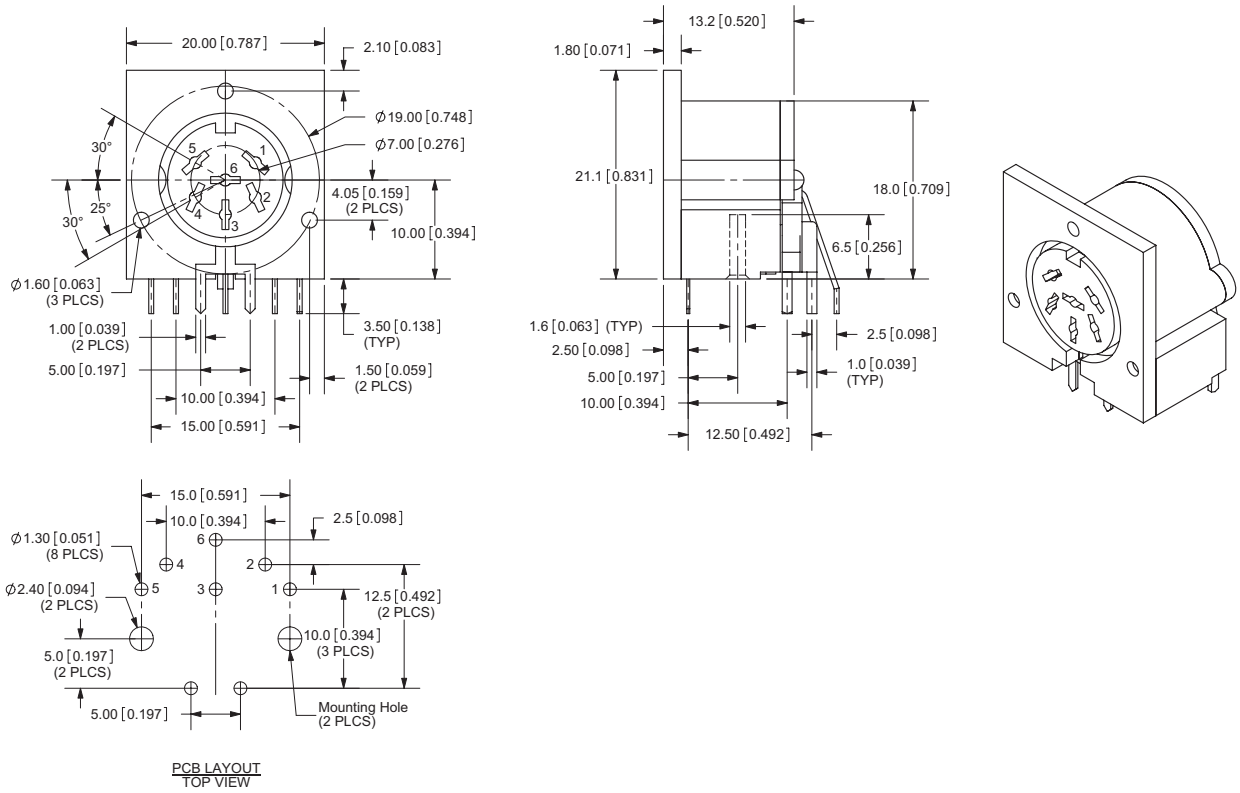




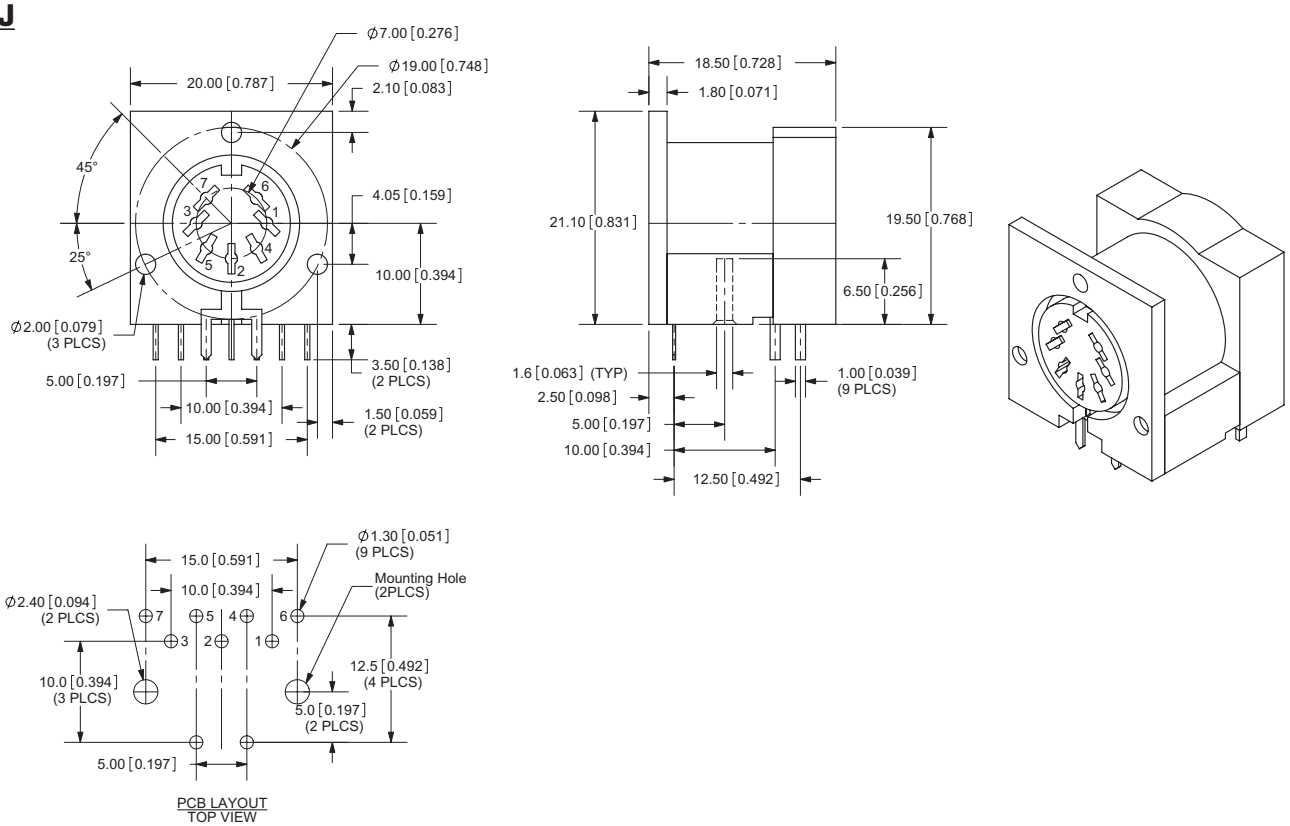


MECHANICAL DRAWINGS (CONTINUED)

SDS-60J

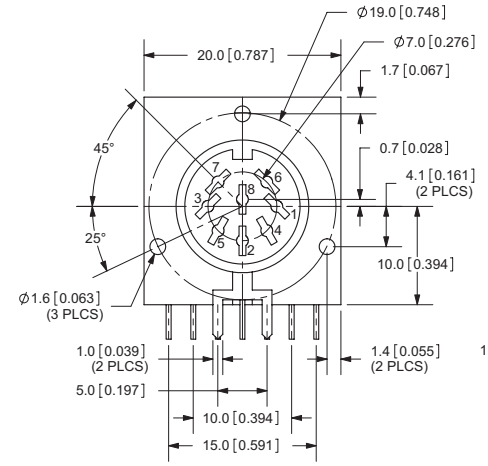


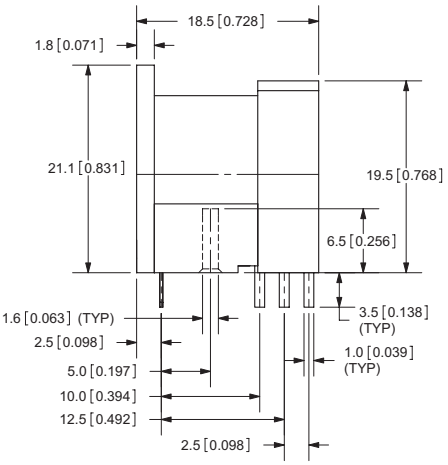
SDS-70J

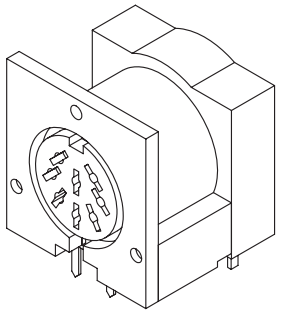


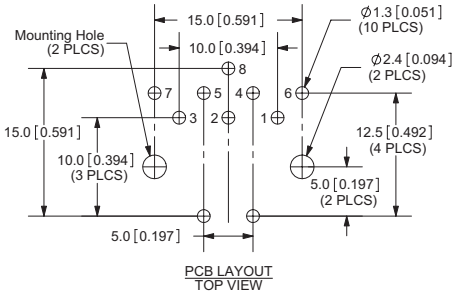
MECHANICAL DRAWINGS (CONTINUED)

SDS-80J



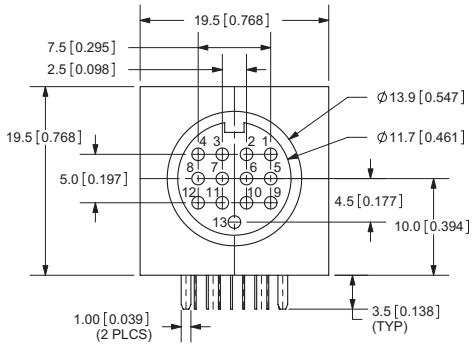


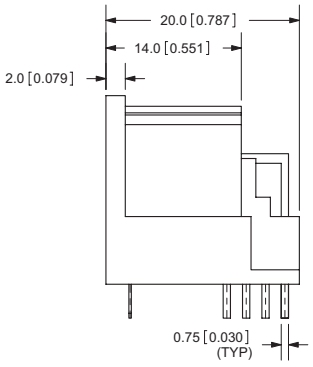


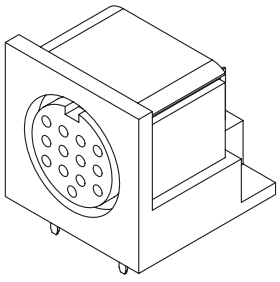


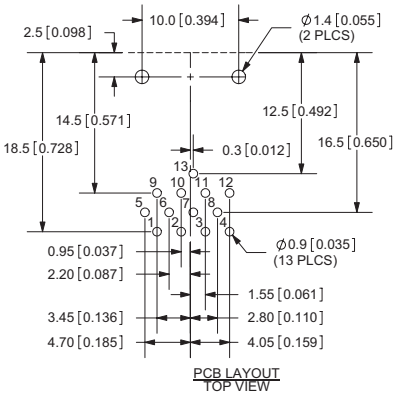
PCB LAYOUT
TOP VIEW

SDD-130J









PCB LAYOUT
TOP VIEW

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
1.03	updated datasheet	09/08/2017
1.04	updated datasheet	07/24/2018
1.05	discontinued model SDS-30J, brand update	10/08/2019

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

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