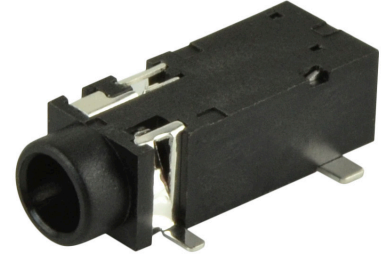
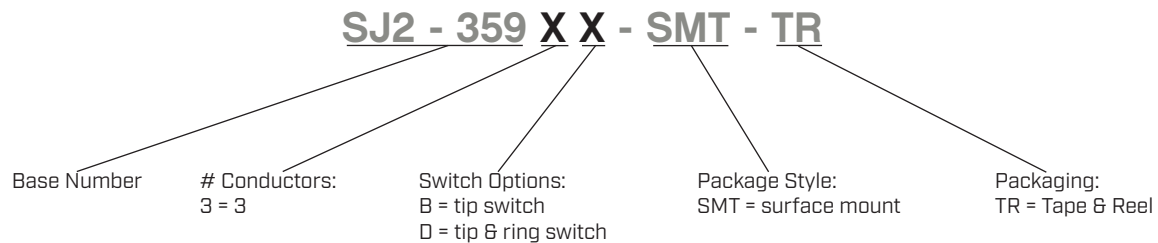


SERIES: SJ2-359X-SMT | **DESCRIPTION:** AUDIO JACK**FEATURES**

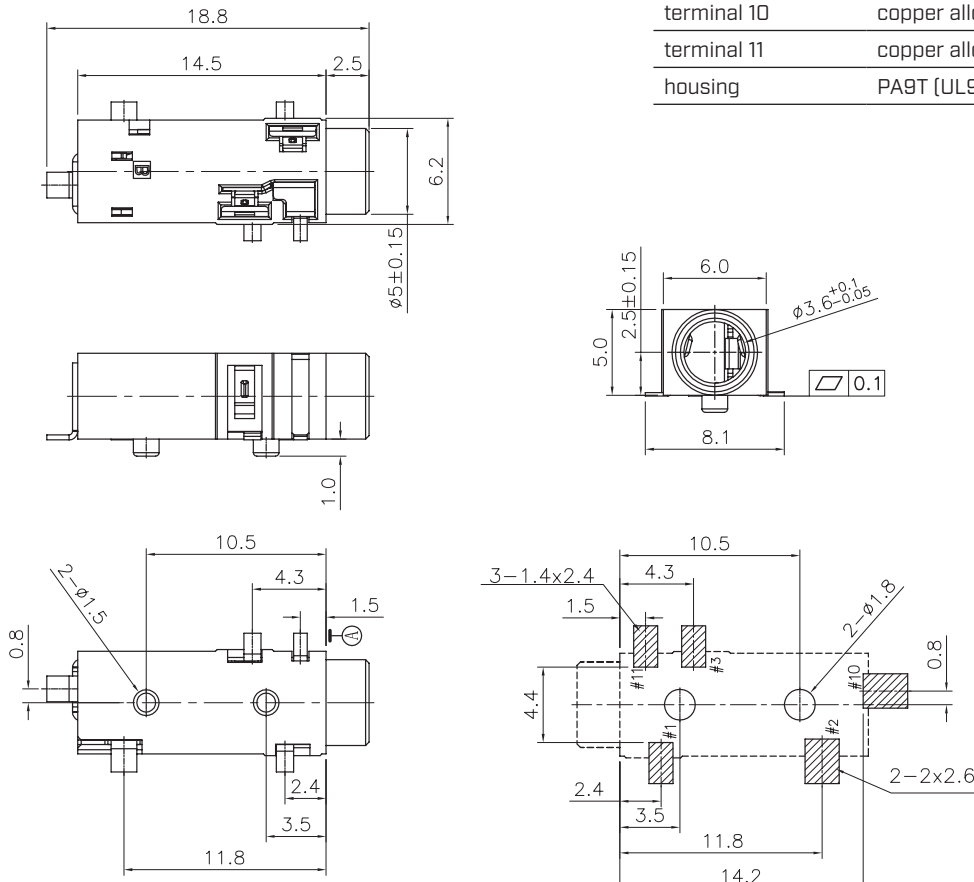
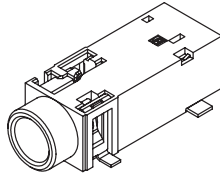
- multiple switch configurations
- right angle
- reflow solder compatible
- surface mount

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

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1	A
contact resistance	between terminal and mating plug between terminal in a closed circuit			50 30	mΩ mΩ
insulation resistance	at 500 Vdc	100			MΩ
voltage withstand	for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

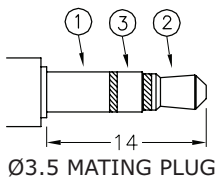
MECHANICAL DRAWING

units: mm
 tolerance:
 X.X ±0.30 mm
 X.XX ±0.25 mm
 X.XXX ±0.20 mm
 PCB: ±0.05 mm
 unless otherwise specified



DESCRIPTION	MATERIAL	PLATING/COLOR
terminal 1	copper alloy t=0.20	silver over nickel
terminal 2	copper alloy t=0.20	silver over nickel
terminal 3	copper alloy t=0.20	silver over nickel
terminal 4	copper alloy t=0.20	silver over nickel
terminal 10	copper alloy t=0.20	silver over nickel
terminal 11	copper alloy t=0.20	silver over nickel
housing	PA9T (UL94V-0)	black

Recommended PCB Layout
Top View



Model No.	SJ2-3593B-SMT	SJ2-3593D-SMT
Schematic		
PIN		
1	sleeve	sleeve
2	tip	tip
3	ring	ring
10	tip switch	tip switch
11	NP	ring switch

REVISION HISTORY

rev.	description	date
1.0	initial release	12/12/2016
1.01	added storage and drying conditions	06/09/2017
1.02	brand update	10/10/2019
1.03	discontinued models SJ2-3593C-SMT-TR, SJ2-3593A-SMT-TR & SJ2-3592B-SMT-TR; logo, datasheet style update	08/18/2022
1.04	product reengineered for improved manufacturability and production yield, see PCN for details	11/17/2022

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



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

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