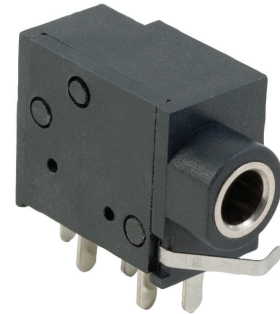


MODEL: SJ-3598 | **DESCRIPTION:** AUDIO JACK**FEATURES**

- isolated ground spring
- plastic bushing
- PCB mount

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated input voltage			12		Vdc
rated input current				1.0	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	at 50/60Hz for 1 minute			500	Vac
insertion/withdrawal force		0.3		3	kg
terminal strength	any direction for 10 seconds			500	g
operating temperature		-25		85	°C
life			5,000		cycles
flammability rating	UL94V-0				
RoHS	yes				

Notes: *When measured at a current of less than 100 mA / 1 kHz

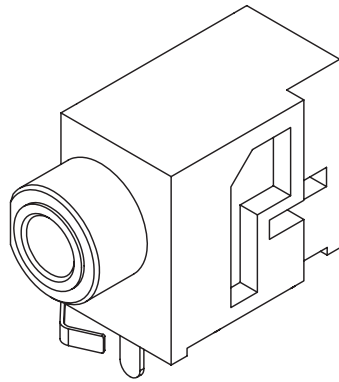
SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	dipped in solder pot for 5±0.5 seconds at	255	260	265	°C

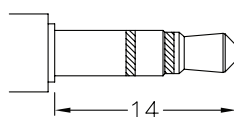
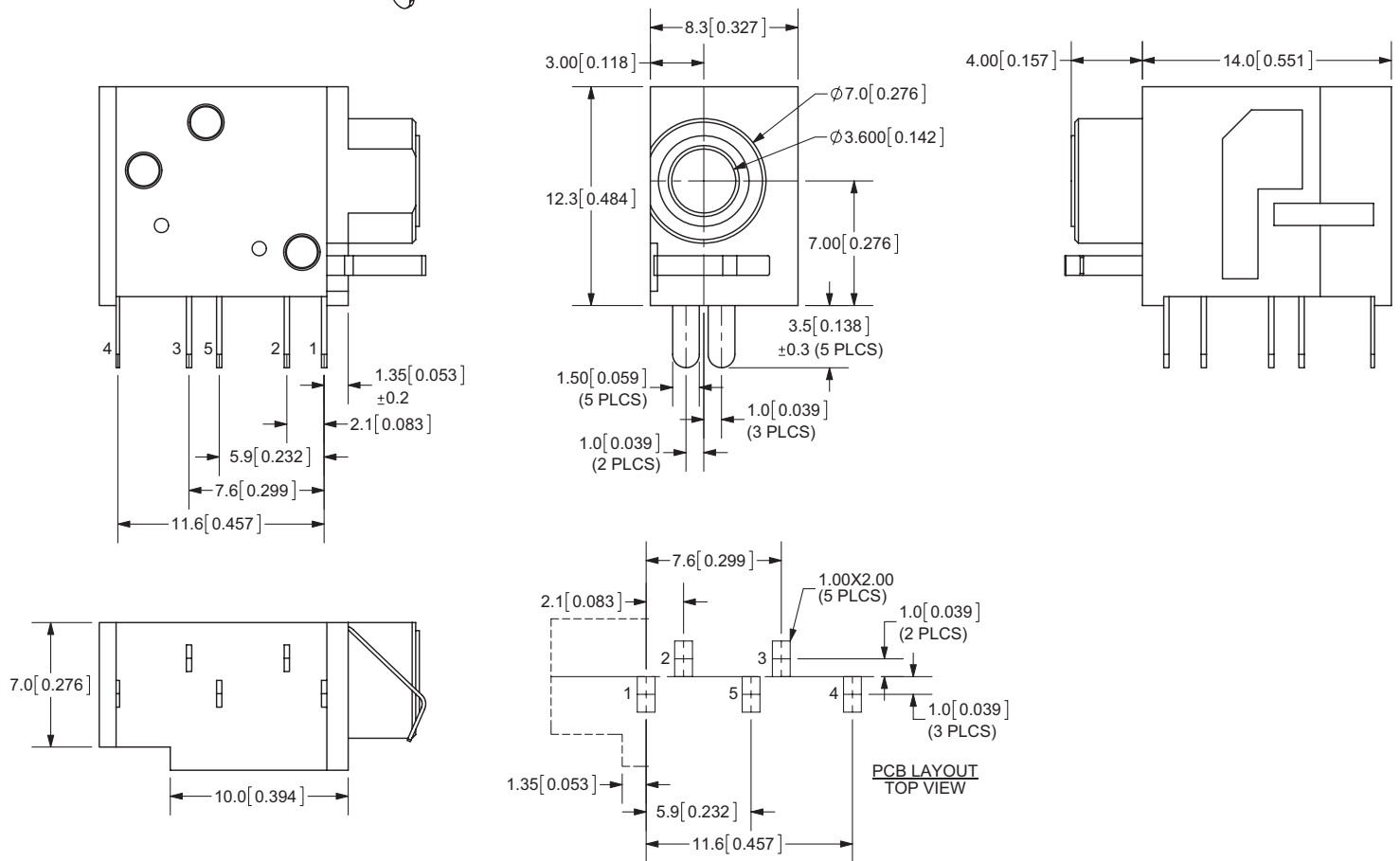
MECHANICAL DRAWING

units: mm[inches]

TOLERANCE:
 X.X ± 0.2 mm
 X.XX ± 0.1 mm
 X.XXX ± 0.05 mm



	MATERIAL	PLATING
terminal 1	brass	tin
terminal 2	brass	tin
terminal 3	brass	tin
terminal 4	copper alloy	tin
terminal 5	brass	tin
bushing	brass	nickel
spring	stainless steel	
shield	stainless steel	
plastic	PA66	



Ø 3.5 MATING PLUG

Model No.	SJ-3598
Schematic	

REVISION HISTORY

rev.	description	date
1.0	initial release	02/22/2012
1.01	updated schematic	04/20/2012
1.02	brand update	01/31/2020

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

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