

9155 MOBO®

2.5mm Pitch Right Angle Battery Connector



GENERAL DESCRIPTION

AVX extends the battery connector range with the addition of a low profile 2.5mm pitch right angle connector. This connector is offered in 2 to 5 positions and is rated at 3 amps. The connector's design is small and compact to minimize its profile yet functionally stable having a contact point at 2.20mm above the PCB.

The unique design of this stamped contact allows for a maximum insulator height of 4.0mm which makes it size compatible with more expensive pogo pin style battery connectors.

The complete family of battery connectors from AVX offer all of the same advantages; Beryllium Copper base material for enhanced contact performance, a full 3 amp current rating, selective gold plating for 5000 mating cycles and high temperature plastic for RoHS soldering.

APPLICATIONS

- Mobile Phones
- Digital Music Players
- Any Handheld Devices

KEY FEATURES AND BENEFITS

- Reliable stamped contact with coined nose
- Full 1.5mm nose deflection for large operating range
- Two anchor tabs for mechanical stability
- 5000 cycle durability rating
- Minimized X, Y and Z package dimensions



HOW TO ORDER

00

Prefix

9155

Series

002

No. of Ways

Code	No. of Ways
002	2
003	3
004	4
005	5

541

Right Angle Battery Connector

Code	Description
541	Right Angle 2.5mm Battery Connector

XXX

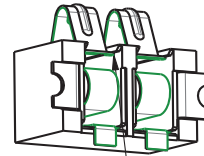
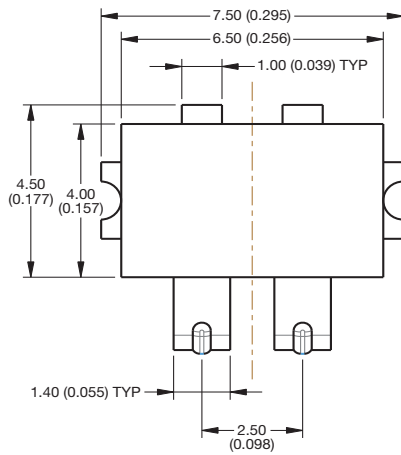
Plating Option

Code	Description
006	0.4µm Selective Gold, Pure Tin Tail
008	0.8µm Selective Gold, Pure Tin Tail

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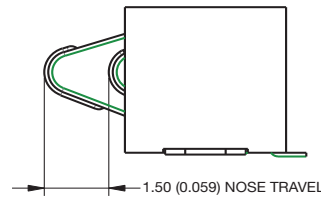


2 Way Right Angle Battery Connector

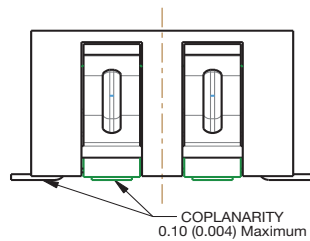
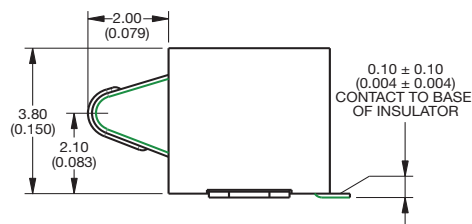


CONTACT NOSE RETAINED
ANTI-SNAG FEATURE

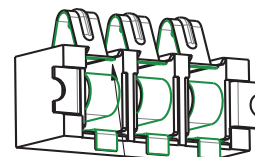
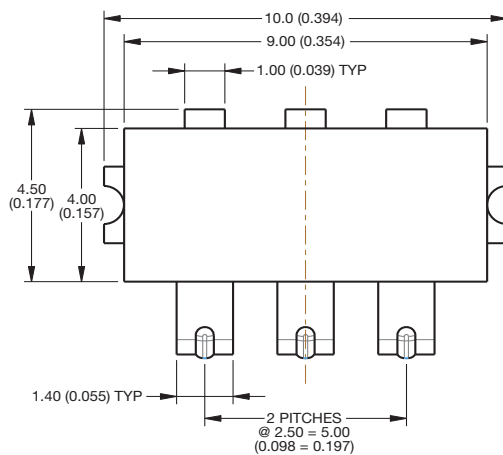
DEFLECTED CONNECTOR



UNDEFLECTED CONTACT

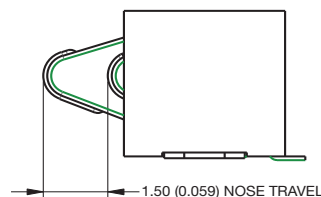


3 Way Right Angle Battery Connector

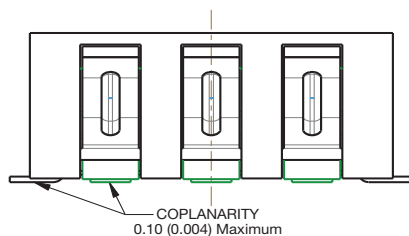
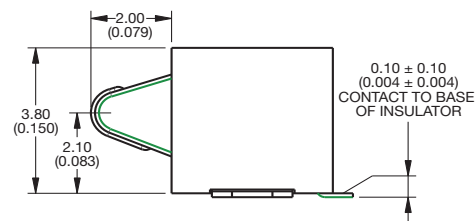


CONTACT NOSE RETAINED
ANTI-SNAG FEATURE

DEFLECTED CONNECTOR



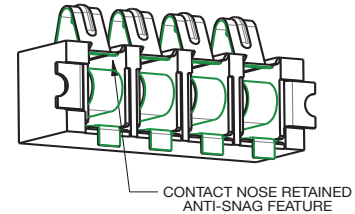
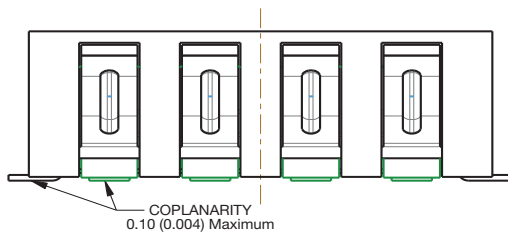
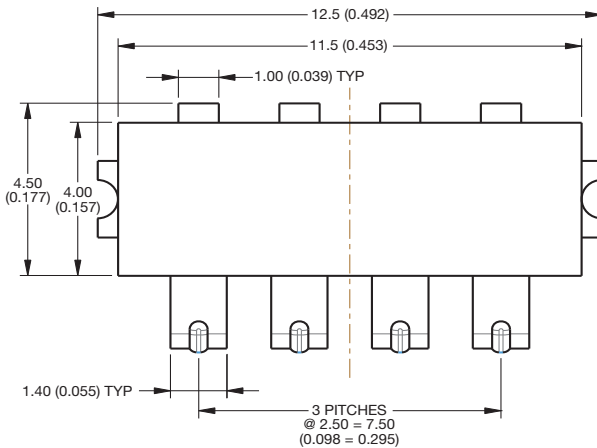
UNDEFLECTED CONTACT



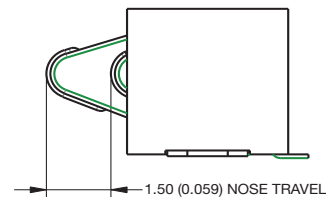
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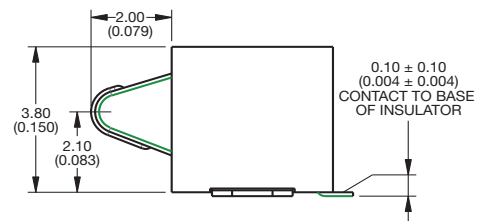
4 Way Right Angle Battery Connector



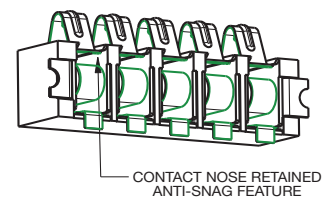
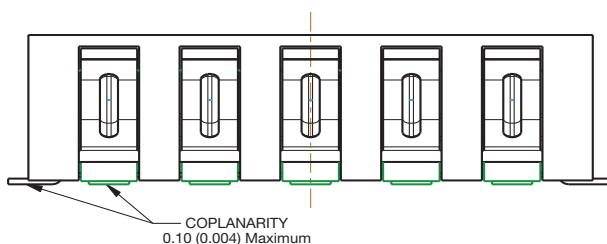
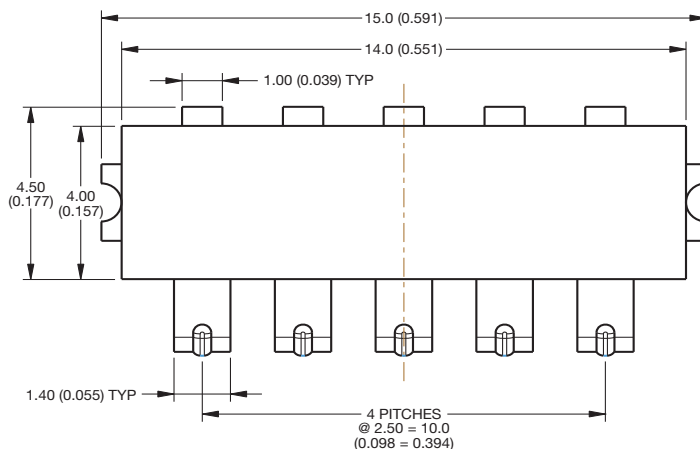
DEFLECTED CONNECTOR



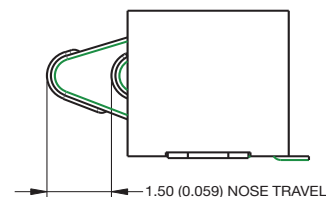
UNDEFLECTED CONTACT



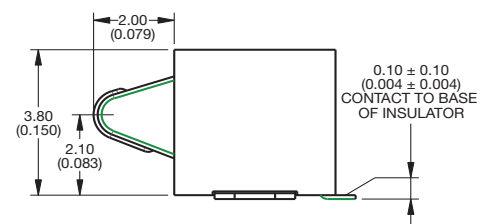
5 Way Right Angle Battery Connector



DEFLECTED CONNECTOR



UNDEFLECTED CONTACT

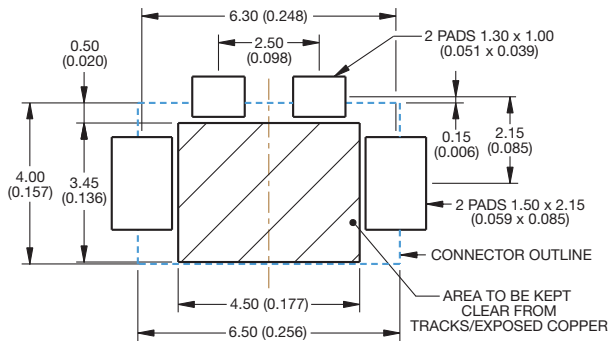


9155 MOBO®

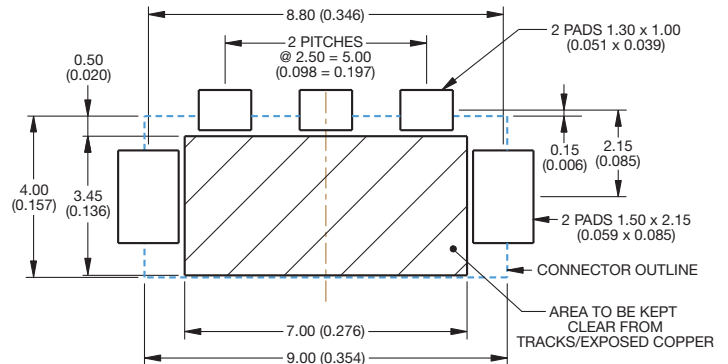
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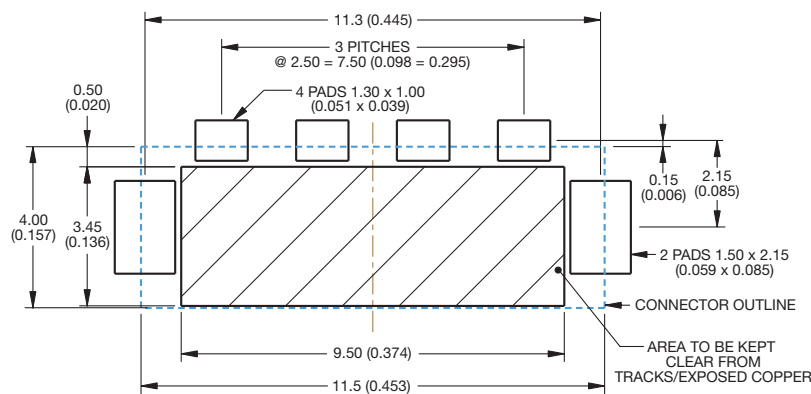
2 Way Right Angle Battery Connector PCB Layout



3 Way Right Angle Battery Connector PCB Layout



4 Way Right Angle Battery Connector PCB Layout



5 Way Right Angle Battery Connector PCB Layout

