



THE DATASHEET OF
009155004541006



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



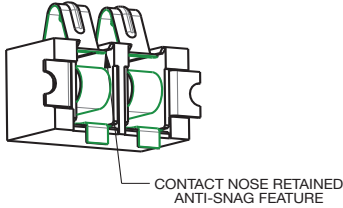
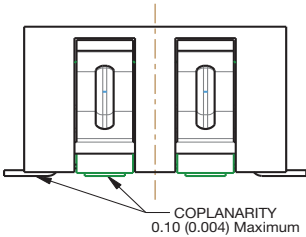
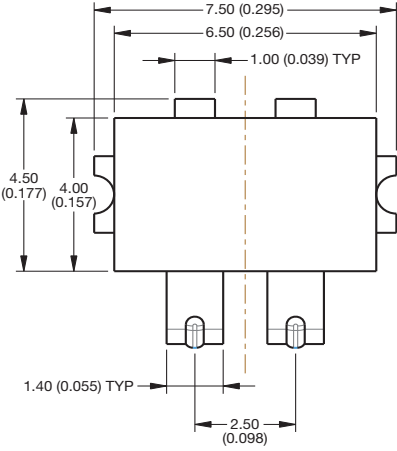
HOW TO ORDER

00	9155	002	541	XXX																				
Prefix	Series	No. of Ways	Right Angle Battery Connector	Plating Option																				
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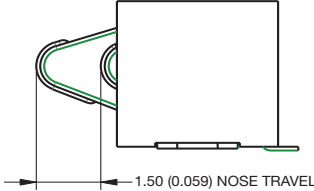
9155 MOBO[®] 2.5mm Pitch Right Angle Battery Connector



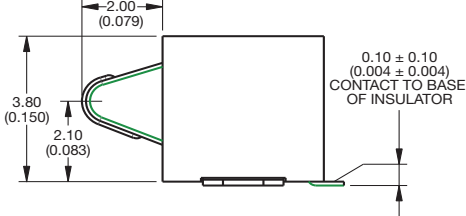
2 Way Right Angle Battery Connector



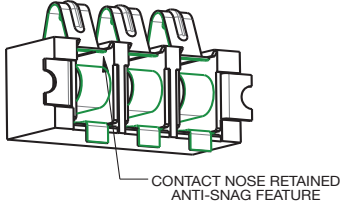
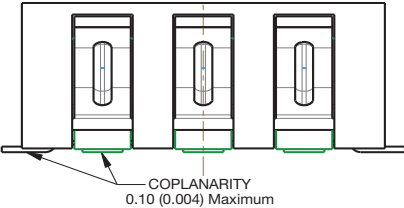
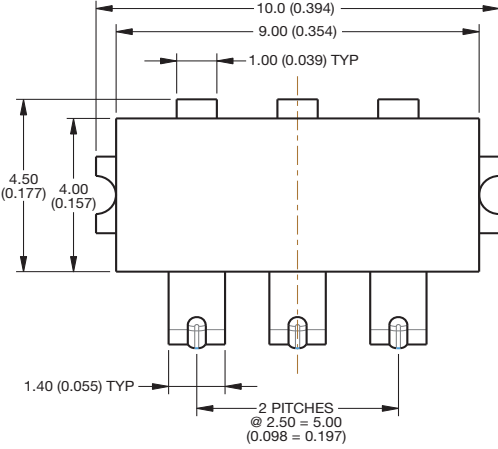
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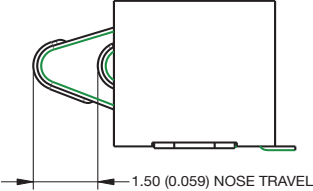
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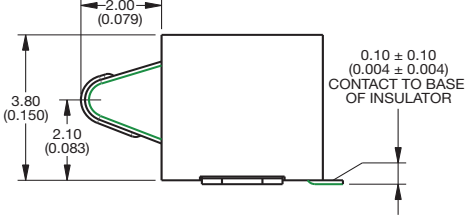
3 Way Right Angle Battery Connector



DEFLECTED CONNECTOR



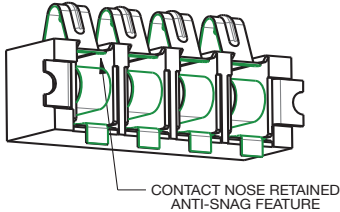
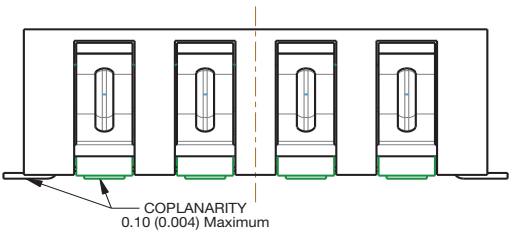
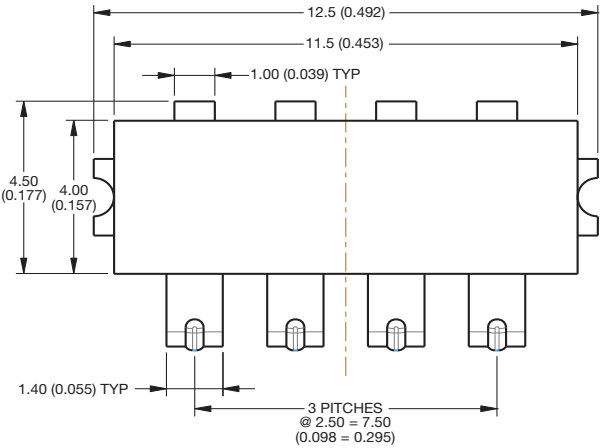
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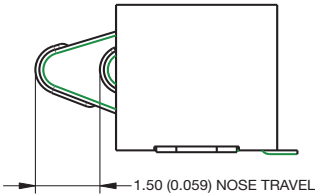
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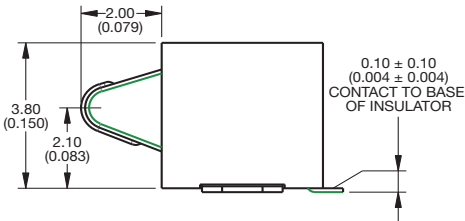
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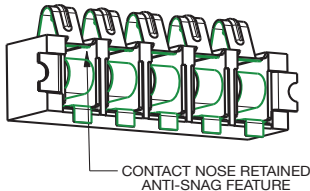
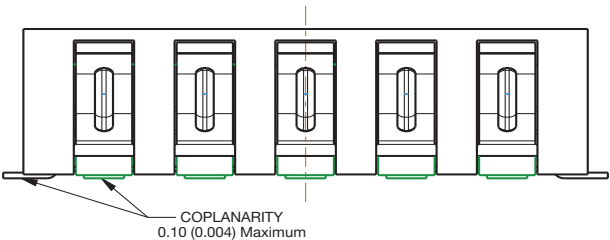
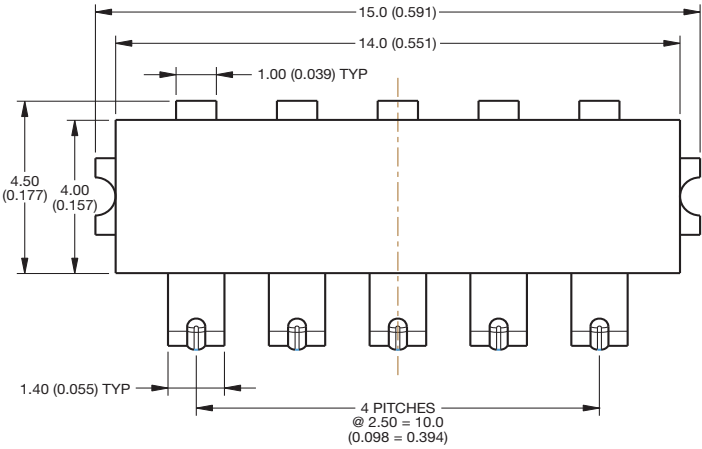
DEFLECTED CONNECTOR



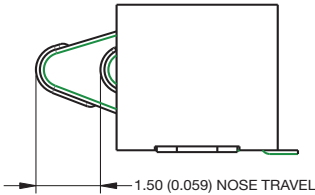
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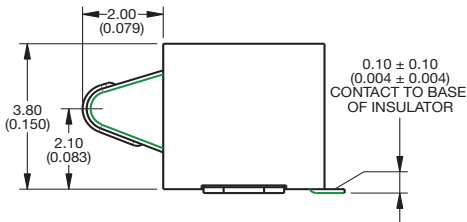
5 Way Right Angle Battery Connector



DEFLECTED CONNECTOR



UNDEFLECTED CONTACT

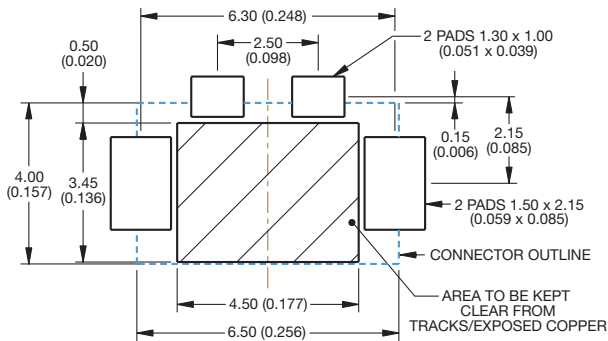


9155 MOBO[®]

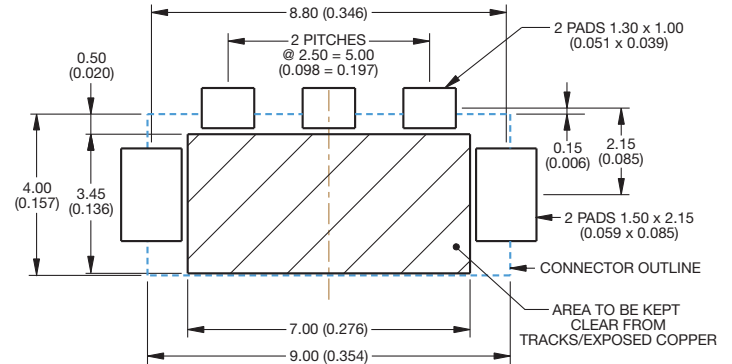
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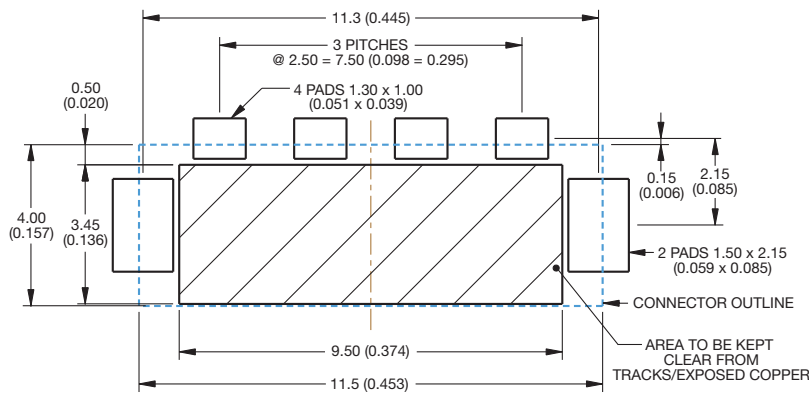
2 Way Right Angle Battery Connector PCB Layout



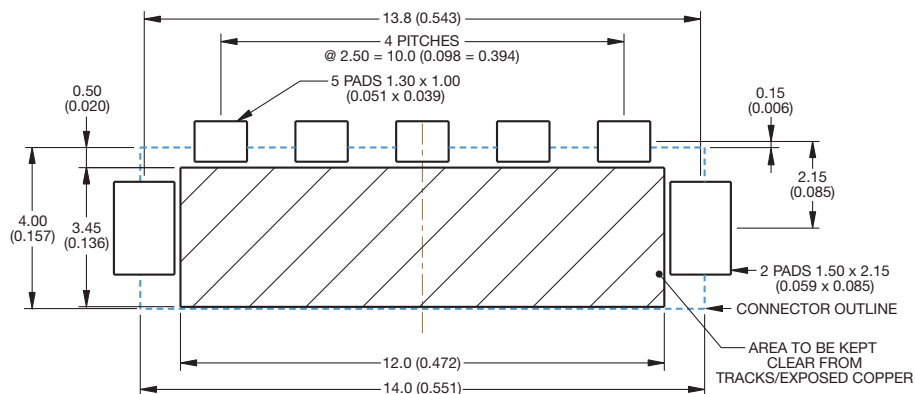
3 Way Right Angle Battery Connector PCB Layout



4 Way Right Angle Battery Connector PCB Layout



5 Way Right Angle Battery Connector PCB Layout



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