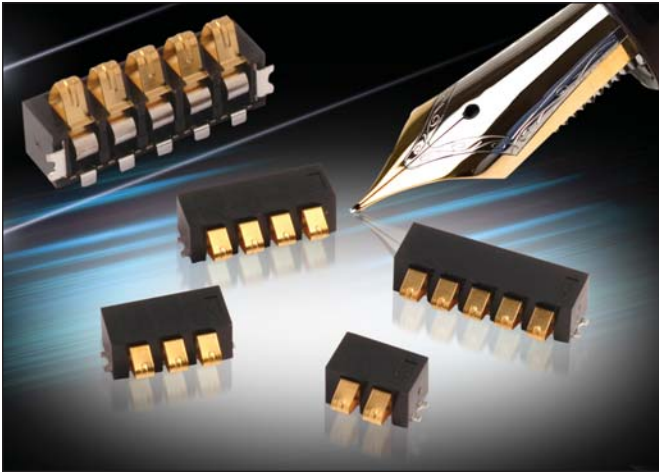


# 9155 MOBO<sup>®</sup> 2.5mm Pitch Right Angle Battery Connector



## 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



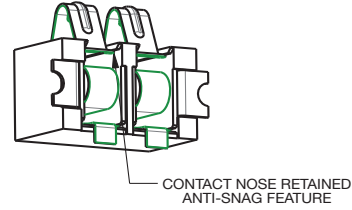
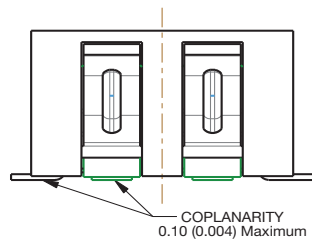
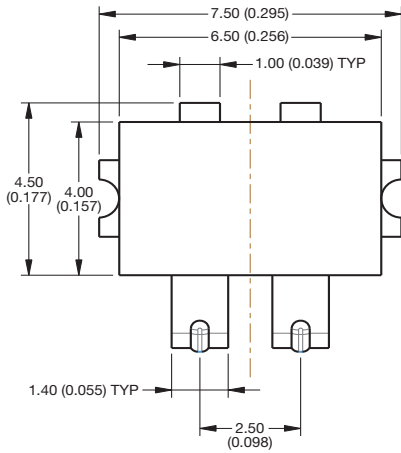
## HOW TO ORDER

<b>00</b>	<b>9155</b>	<b>002</b>	<b>541</b>	<b>XXX</b>																				
<b>Prefix</b>	<b>Series</b>	<b>No. of Ways</b>	<b>Right Angle Battery Connector</b>	<b>Plating Option</b>																				
		<table border="1"> <thead> <tr> <th>Code</th> <th>No. of Ways</th> </tr> </thead> <tbody> <tr> <td>002</td> <td>2</td> </tr> <tr> <td>003</td> <td>3</td> </tr> <tr> <td>004</td> <td>4</td> </tr> <tr> <td>005</td> <td>5</td> </tr> </tbody> </table>	Code	No. of Ways	002	2	003	3	004	4	005	5	<table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>541</td> <td>Right Angle 2.5mm Battery Connector</td> </tr> </tbody> </table>	Code	Description	541	Right Angle 2.5mm Battery Connector	<table border="1"> <thead> <tr> <th>Code</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>006</td> <td>0.4µm Selective Gold, Pure Tin Tail</td> </tr> <tr> <td>008</td> <td>0.8µm Selective Gold, Pure Tin Tail</td> </tr> </tbody> </table>	Code	Description	006	0.4µm Selective Gold, Pure Tin Tail	008	0.8µm Selective Gold, Pure Tin Tail
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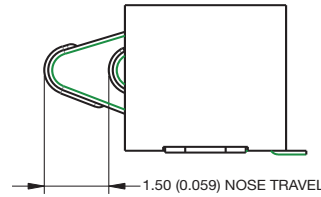
# 9155 MOBO<sup>®</sup> 2.5mm Pitch Right Angle Battery Connector



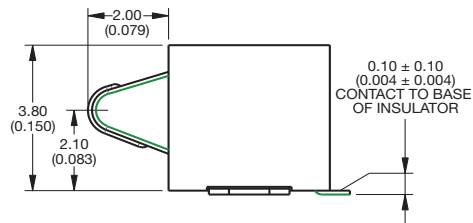
## 2 Way Right Angle Battery Connector



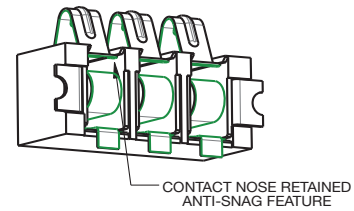
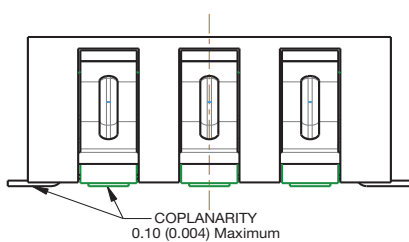
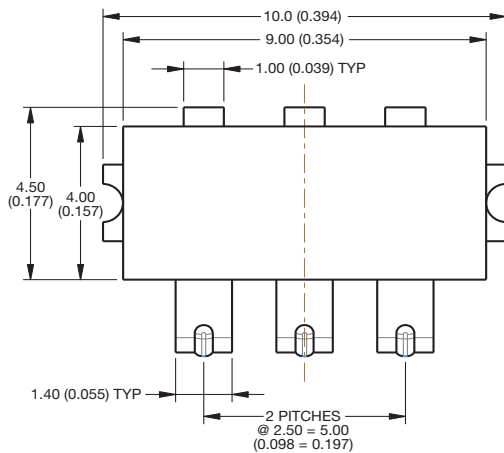
### DEFLECTED CONNECTOR



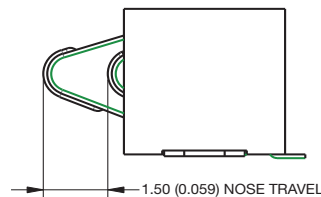
### UNDEFLECTED CONTACT



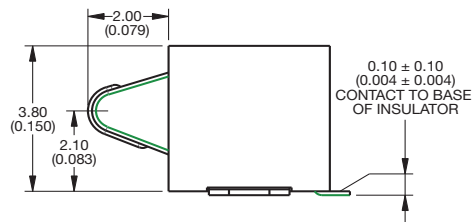
## 3 Way Right Angle Battery Connector



### DEFLECTED CONNECTOR



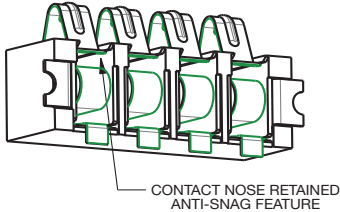
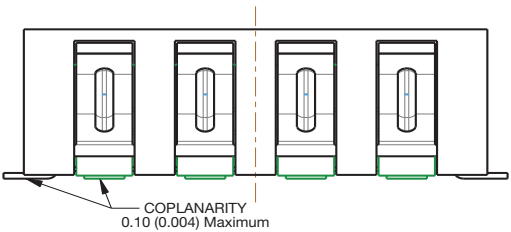
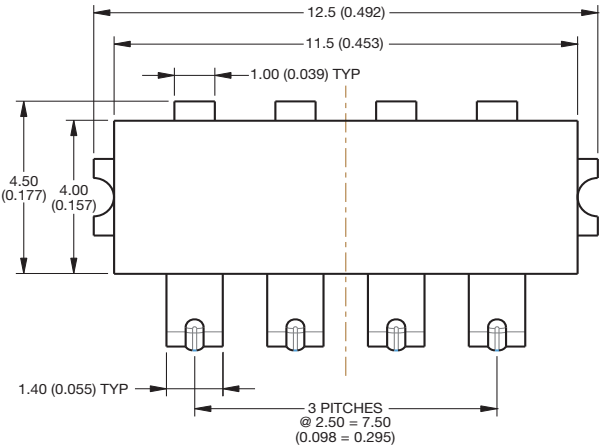
### UNDEFLECTED CONTACT



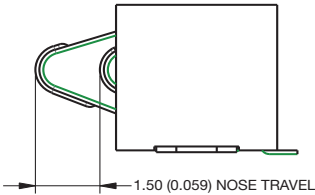
# 9155 MOBO<sup>®</sup> 2.5mm Pitch Right Angle Battery Connector



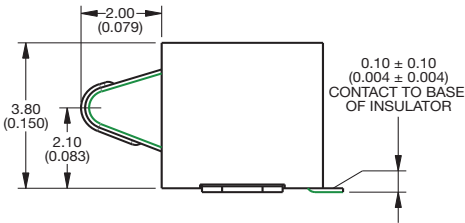
## 4 Way Right Angle Battery Connector



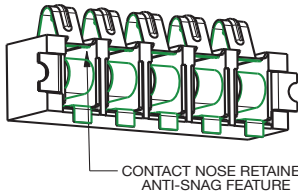
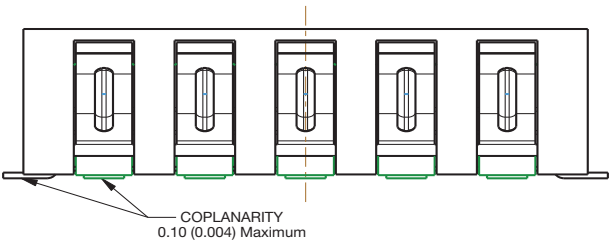
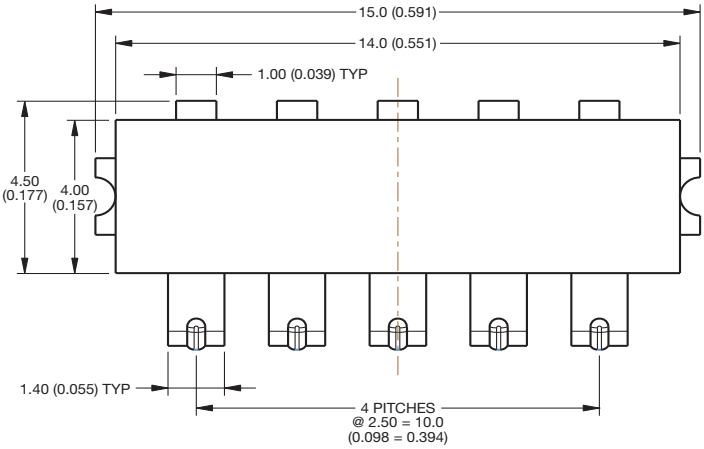
### DEFLECTED CONNECTOR



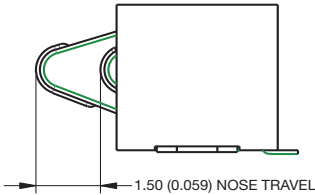
### UNDEFLECTED CONTACT



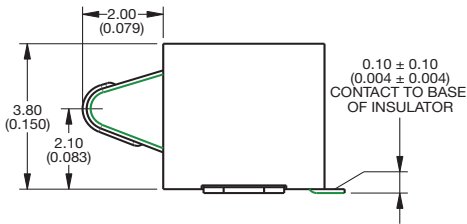
## 5 Way Right Angle Battery Connector



### DEFLECTED CONNECTOR



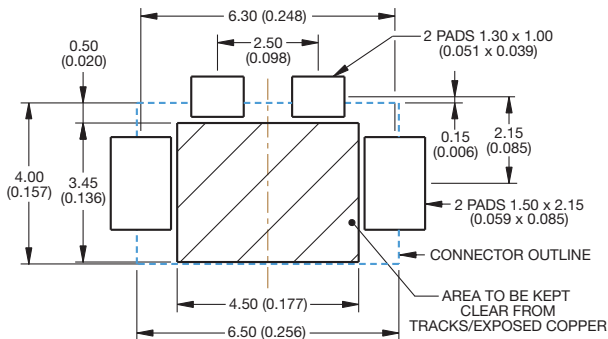
### UNDEFLECTED CONTACT



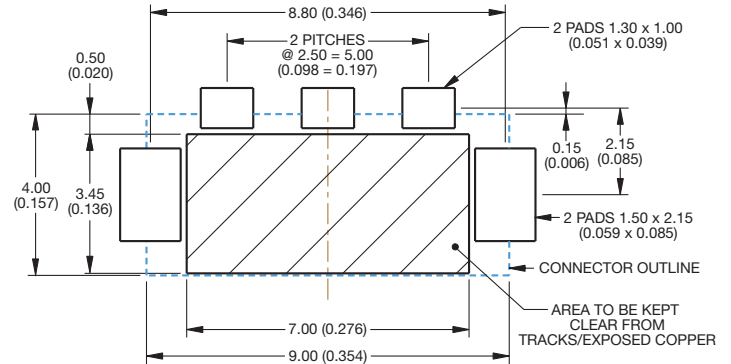
# 9155 MOBO<sup>®</sup> 2.5mm Pitch Right Angle Battery Connector



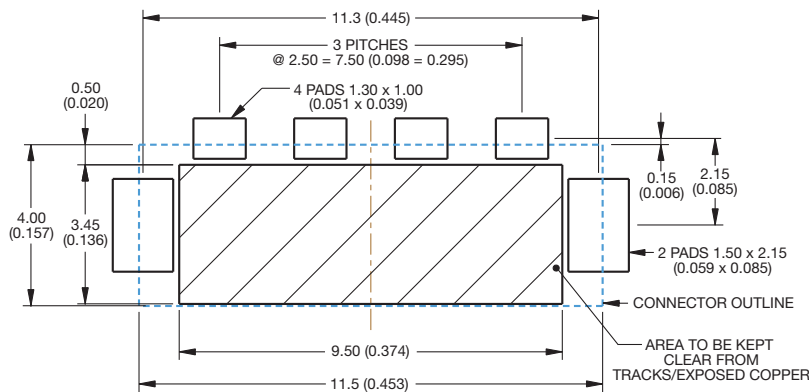
## 2 Way Right Angle Battery Connector PCB Layout



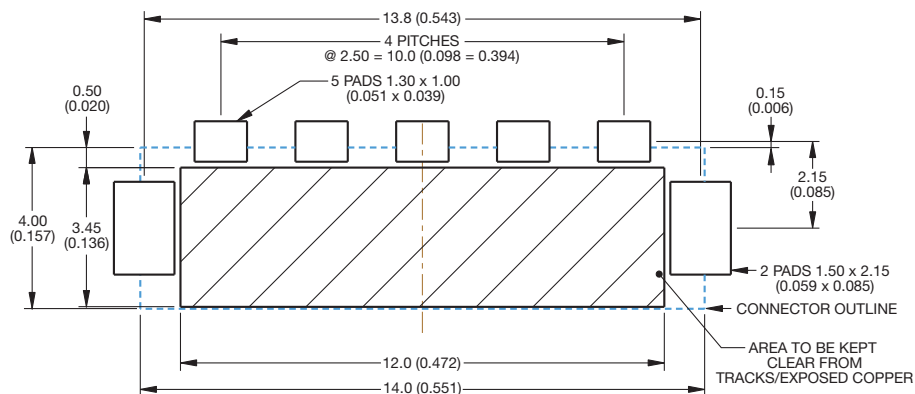
## 3 Way Right Angle Battery Connector PCB Layout



## 4 Way Right Angle Battery Connector PCB Layout



## 5 Way Right Angle Battery Connector PCB Layout



## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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