### 9155 Size Reduced Battery Connector

#### GENERAL DESCRIPTION

The newest product in AVX's Interconnect family of battery connectors saves 50% in volume over the initial 9155 series compression connectors as illustrated in the photograph. These connectors are rated at a full 3 amps per contact on 2.5mm centers. Sizes range from 2 positions through 5 positions and are end to end stackable.

#### **APPLICATIONS**

- Cellular Phones
- Handheld Devices
- Industrial Modules
- Medical Electronics

#### **KEY FEATURES AND BENEFITS**

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- 2.4mm insulator height
- 3 amps/contact
- Large SMT mounting area for positive mechanical attachment
- 5k mating cycles
- End-to-end stackable

#### HOW TO O





2000

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RoHS

ORDER										
9155		0	03				201			
Series		No. c	of Ways		Beduce	d Si	ze Battery Con	nector		
	Code			Packing Qty	. –	Code	Description		Code	
	002	2	2000	2000		201	Reduced Size		006	0.4µr
	003	3	2000	2000		201	Battery Connector		800	0.8µr

/AV/X

1	Code	
ze	006	0.4µm
ector	008	0.8µm

Plating Option				
Description				
0.4µm Selective Gold, Pure Tin Tail				
0.8um Selective Gold. Pure Tin Tail				

XXX

Downloaded from Elcodis.com	electronic components distributor

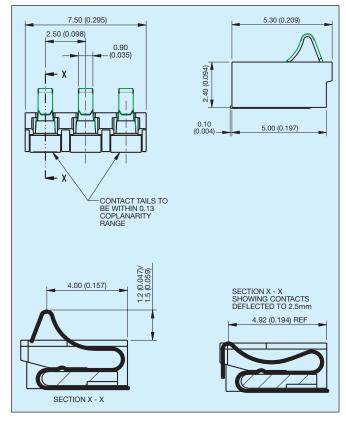


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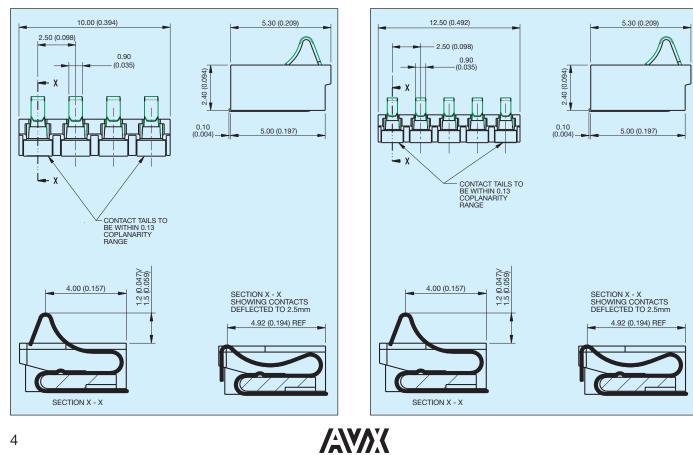
### 5.00 (0.197) 5.30 (0.209) 2.50 (0.098) 0.90 (0.035) 2.40 (0.094) ⊢Х 0.10 (0.004) -5.00 (0.197) -CONTACT TAILS TO BE WITHIN 0.13 COPLANARITY RANGE Х 1.2 (0.047)/ 1.5 (0.059) 4.00 (0.157) SECTION X - X SHOWING CONTACTS DEFLECTED TO 2.5mm 4.92 (0.194) REF SECTION X - X

**2 Way Reduced Battery Connector** 

#### **3 Way Reduced Battery Connector**



#### **5 Way Reduced Battery Connector**

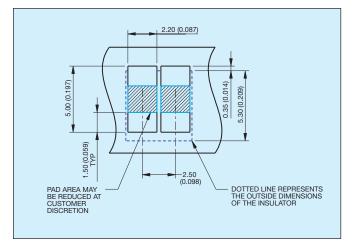


### **4 Way Reduced Battery Connector**

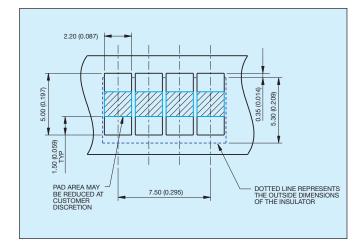
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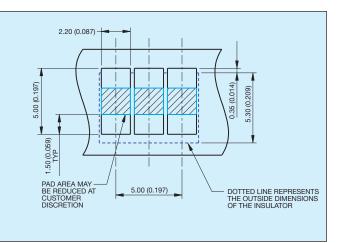
#### 2 Way Reduced Battery Connector PCB Layout



#### 4 Way Reduced Battery Connector PCB Layout



#### 3 Way Reduced Battery Connector PCB Layout



#### 5 Way Reduced Battery Connector PCB Layout

