



**RoHS  
COMPLIANT**

A

B

00-9159-XXX-061-XXX

PREFIX \_\_\_\_\_

SERIES \_\_\_\_\_

NO. OF WAYS \_\_\_\_\_

CODE	NO. OF WAYS	DETAILS
004	4	SHEET 2
006	6	SHEET 3
008	8	SHEET 4
010	10	SHEET 5

SINGLE PART PCB STRIP CONNECTOR

CODE	DESCRIPTION
0	SINGLE PART PCB STRIP CONNECTOR

PCB THICKNESS \_\_\_\_\_

CODE	DESCRIPTION
61	OPEN ENDED - PCB THICKNESS 1.60±0.10

INSULATOR COLOUR \_\_\_\_\_

CODE	INSULATOR COLOUR	AVAILABILITY
8	BLACK	SPECIAL ORDER - UL APPROVED
9	WHITE	STANDARD - UL APPROVED

**AVX CONTROLLED RELEASE**

PACKING DETAILS \_\_\_\_\_

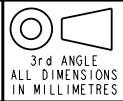
CODE	PACKING TYPE	PACK QUANTITY
1	BAG	1000

PLATING OPTION \_\_\_\_\_

CODE	CONTACT PLATING
1	GOLD FLASH OVER NICKEL
6	PURE TIN OVER NICKEL

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Drawn  
N.C.H.  
Size  
**CV**

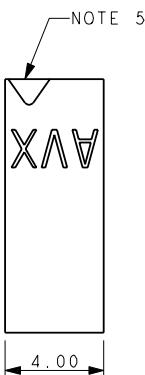
Description  
9159 SINGLE PART - OPEN ENDED  
Part Number  
00-9159-XXX-06X-XXS

DATE  
03-Dec-12  
Issue  
**6**

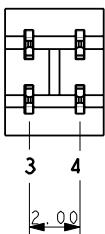
A

B

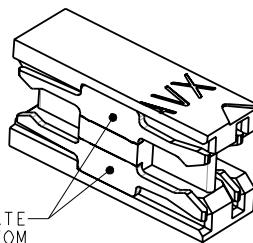
**4 WAY SINGLE PART PCB STRIP CONNECTOR  
OPEN ENDED**



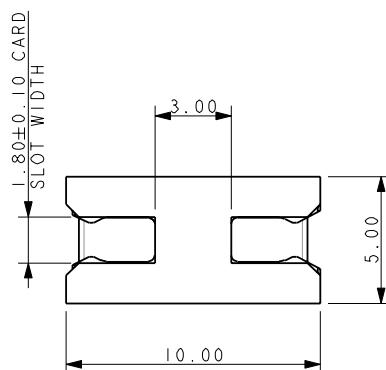
POSITION  
1 2



CONTACTS SEPERATE  
TOP AND BOTTOM



**SECTION VIEW THROUGH CONTACT**

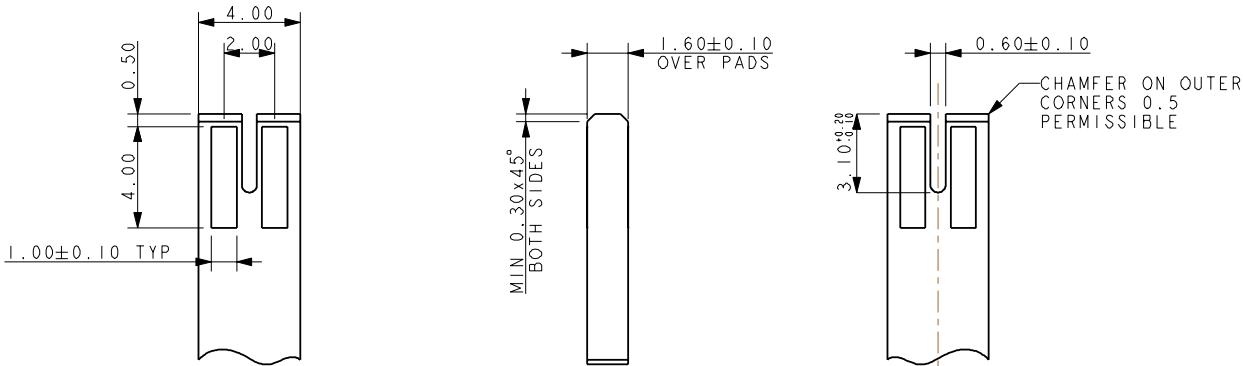


NOTES :-

1. INSULATOR MATERIAL NYLON 46, UL94 V-0,  
COLOUR REFER TO SHEET 1.
2. CONTACT MATERIAL COPPER ALLOY, PLATING SEE SHEET 1.
3. PARTS TO BE SUPPLIED IN BAGS, 1000 PIECES PER BAG.
4. GENERAL TOLERANCE  $\pm 0.20\text{mm}$  UNLESS STATED.
5. ARROW ADJACENT TO CONTACT POSITION 1.
6. PCB PAD, TIN OR GOLD PLATED DEPENDING ON CONNECTOR SELECTION.
7. FURTHER DETAILS REFER TO ELCO SPECIFICATION 201-01-144  
AND APPLICATION NOTES 201-01-147.
8. UL REFERENCE E90723 (US and Canada).

**SUGGESTED PCB LAYOUT**

PADS THE SAME UPPER AND LOWER FACES  
PCB THICKNESS  $1.60 \pm 0.10\text{mm}$  (OVER PADS)



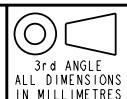
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Release No.	
1.029.37	03.12.2012
1.029.74	13.12.2012
1.030.38	20.12.2012
1.031.84	29.01.2013
1.034.95	08.10.2013
09.11.2018	10.10.2014

A

B



Drawn  
N.C.H.  
Size  
**CV**

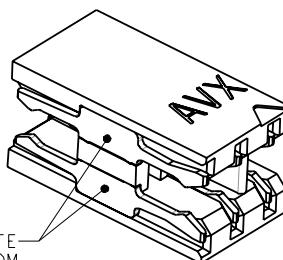
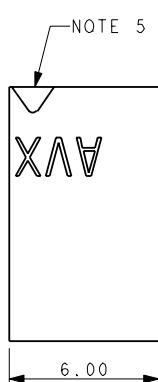
Description  
9159 SINGLE PART - OPEN ENDED  
Part Number  
00-9159-XXX-06X-XXS

DATE  
03-Dec-12  
SHEET 2 TO 6  
Issue  
**6**

A

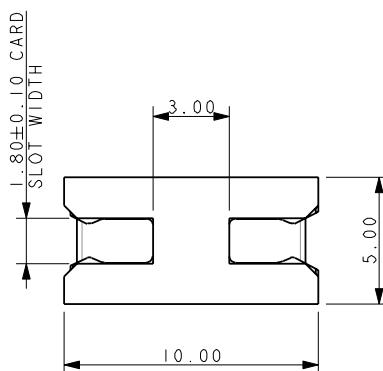
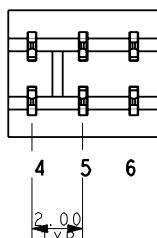
B

**6 WAY SINGLE PART PCB STRIP CONNECTOR  
OPEN ENDED**



**SECTION VIEW THROUGH CONTACT**

**POSITION**  
1 2 3

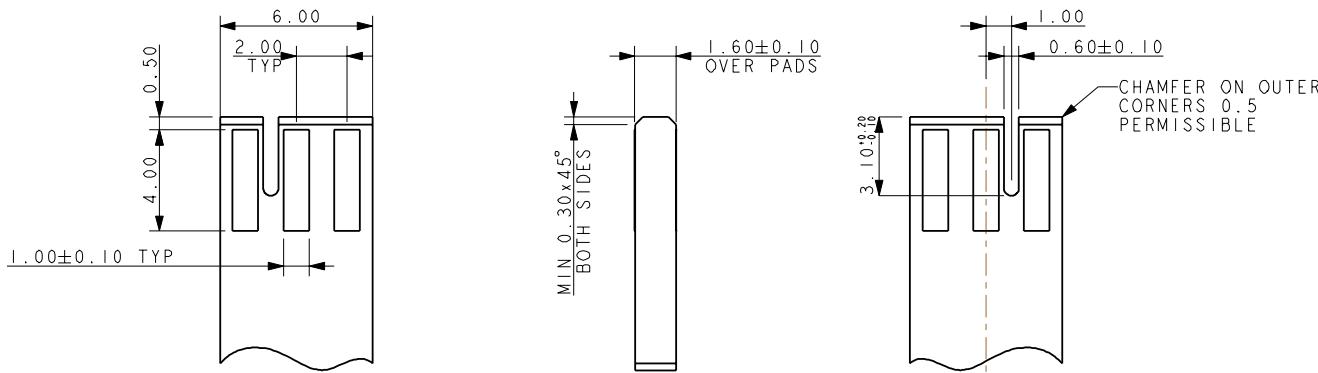


**NOTES :-**

1. INSULATOR MATERIAL NYLON 46, UL94 V-0,  
COLOUR REFER TO SHEET 1.
2. CONTACT MATERIAL COPPER ALLOY, PLATING SEE SHEET 1.
3. PARTS TO BE SUPPLIED IN BAGS, 1000 PIECES PER BAG.
4. GENERAL TOLERANCE  $\pm 0.20\text{mm}$  UNLESS STATED.
5. ARROW ADJACENT TO CONTACT POSITION 1.
6. PCB PAD, TIN OR GOLD PLATED DEPENDING ON CONNECTOR SELECTION.
7. FURTHER DETAILS REFER TO ELCO SPECIFICATION 201-01-144  
AND APPLICATION NOTES 201-01-147.
8. UL REFERENCE E90723 (US and Canada).

**SUGGESTED PCB LAYOUT**

PADS THE SAME UPPER AND LOWER FACES  
PCB THICKNESS  $1.60 \pm 0.10\text{mm}$  (OVER PADS)



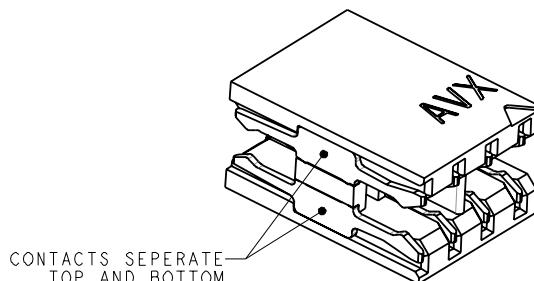
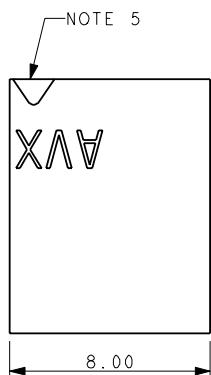
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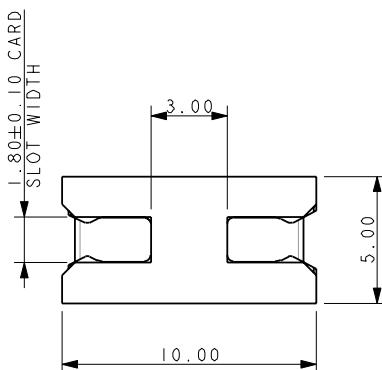
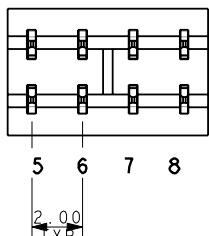
B

**8 WAY SINGLE PART PCB STRIP CONNECTOR  
OPEN ENDED**



**SECTION VIEW THROUGH CONTACT**

**POSITION**  
1 2 3 4

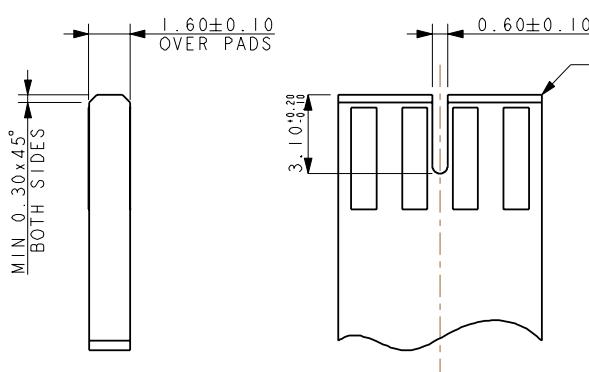
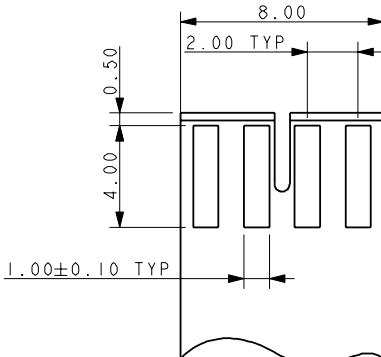


**NOTES :-**

1. INSULATOR MATERIAL NYLON 46, UL94 V-0,  
COLOUR REFER TO SHEET I
2. CONTACT MATERIAL COPPER ALLOY, PLATING SEE SHEET I.
3. PARTS TO BE SUPPLIED IN BAGS, 1000 PIECES PER BAG.
4. GENERAL TOLERANCE  $\pm 0.20\text{mm}$  UNLESS STATED.
5. ARROW ADJACENT TO CONTACT POSITION 1.
6. PCB PAD, TIN OR GOLD PLATED DEPENDING ON CONNECTOR SELECTION.
7. FURTHER DETAILS REFER TO ELCO SPECIFICATION 201-01-144  
AND APPLICATION NOTES 201-01-147.
8. UL REFERENCE E90723 (US and Canada).

**SUGGESTED PCB LAYOUT**

PADS THE SAME UPPER AND LOWER FACES  
PCB THICKNESS  $1.60 \pm 0.10\text{mm}$  (OVER PADS)



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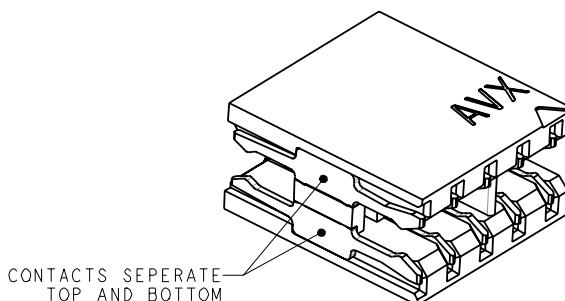
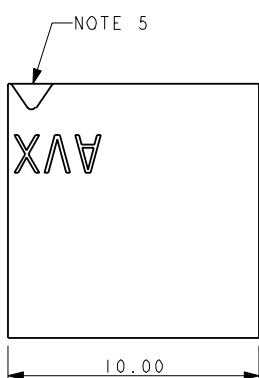
A

B

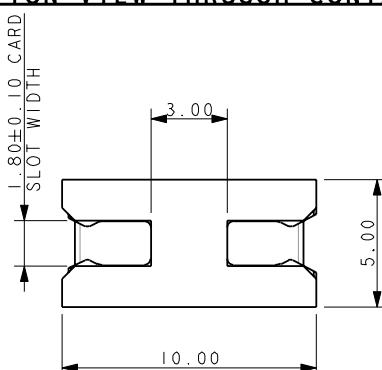
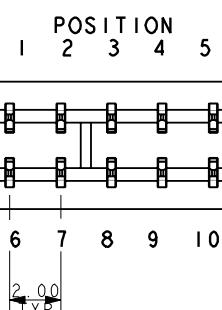
A

B

10 WAY SINGLE PART PCB STRIP CONNECTOR  
OPEN ENDED



SECTION VIEW THROUGH CONTACT

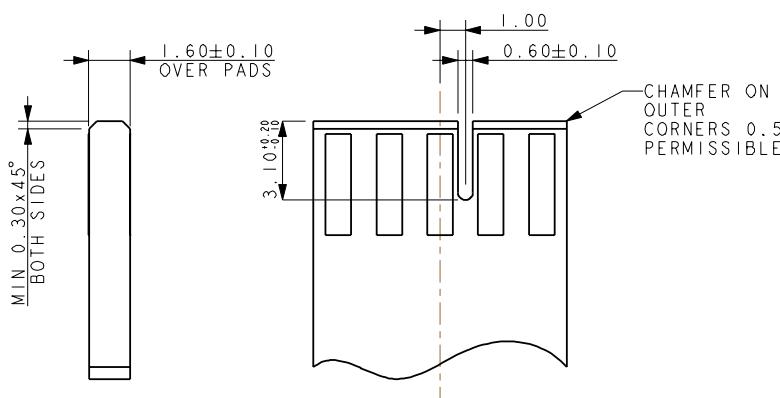
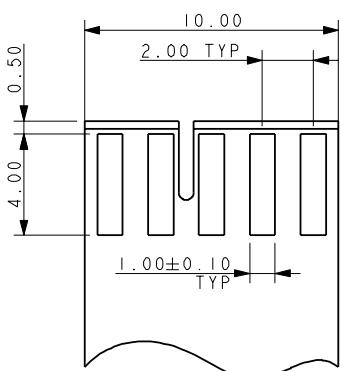


NOTES :-

1. INSULATOR MATERIAL NYLON 46, UL94 V-0,  
COLOUR REFER TO SHEET I
2. CONTACT MATERIAL COPPER ALLOY, PLATING SEE SHEET I.
3. PARTS TO BE SUPPLIED IN BAGS, 1000 PIECES PER BAG.
4. GENERAL TOLERANCE  $\pm 0.20$ mm UNLESS STATED.
5. ARROW ADJACENT TO CONTACT POSITION I.
6. PCB PAD, TIN OR GOLD PLATED DEPENDING ON CONNECTOR SELECTION.
7. FURTHER DETAILS REFER TO ELCO SPECIFICATION 201-01-144  
AND APPLICATION NOTES 201-01-147.
8. UL REFERENCE E90723 (US and Canada).

SUGGESTED PCB LAYOUT

PADS THE SAME UPPER AND LOWER FACES  
PCB THICKNESS  $1.60 \pm 0.10$ mm (OVER PADS)



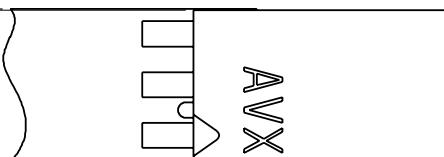
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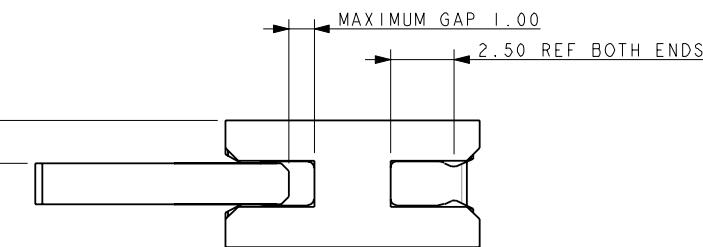
B

9159 SINGLE PART PCB STRIP CONNECTOR  
MAXIMUM PCB MISALIGNMENT

MAXIMUM ANGLE  $\pm 3^\circ$



MAXIMUM ANGLE  $\pm 3^\circ$



NOTES :-

1. 6 WAY CONNECTOR SHOWN, DIMENSIONS APPLY TO 4, 6, 8 AND 10 WAY.
2. THE FIGURES GIVEN ARE THE MAXIMUM PERMITTED MISALIGNMENT,  
FOR BEST RESULTS MISALIGNMENT SHOULD BE KEPT TO A MINIMUM.

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