



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



PACKING DETAILS

CODE	PACKING TYPE	PACK QUANTITY
1	BAG	1000

PLATING OPTION

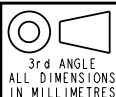
CODE	CONTACT PLATING
1	GOLD FLASH OVER NICKEL
6	PURE TIN OVER NICKEL

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SHEET 1 TO 6

FORM-106-01-056-6 ISS 8

Release No.
History
102937
03.12.2012
13.12.2012
20.12.2012
29.01.2013
102973
11.03.2013
102974
14.03.2013
103038
08.10.2013
103184
31.10.2014
103495
09.11.2018



Drawn
N.C.H.
Size
CV

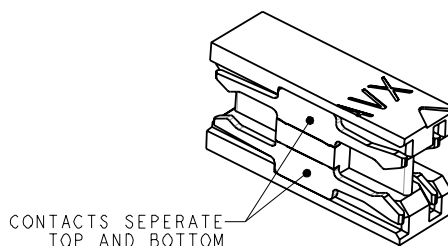
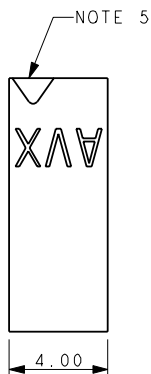
Description
9159 SINGLE PART - OPEN ENDED
Part Number
00-9159-XXX-06X-XXXS

DATE
03-Dec-12
Issue
6

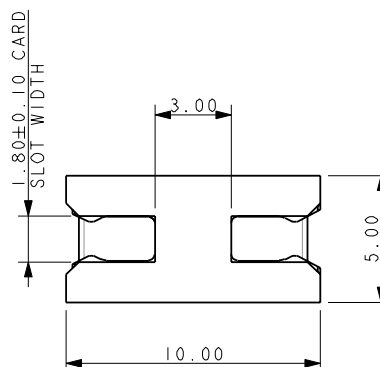
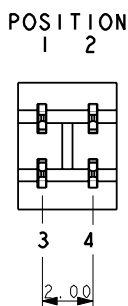
A

B

4 WAY SINGLE PART PCB STRIP CONNECTOR OPEN ENDED



SECTION VIEW THROUGH CONTACT

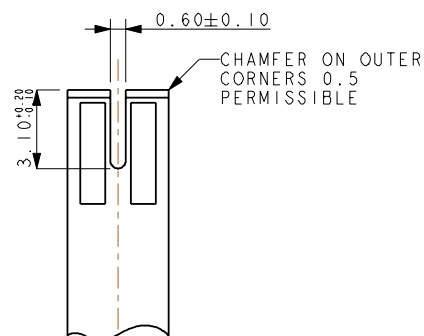
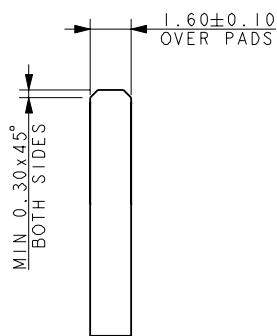
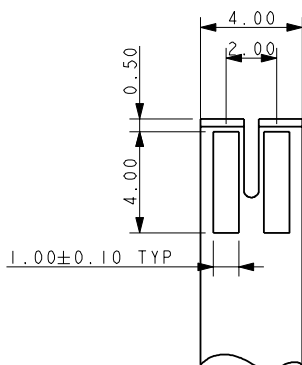


NOTES :-

1. INSULATOR MATERIAL NYLON 46, UL94 V-0, COLOUR REFER TO SHEET 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)

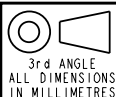


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SHEET 2 TO 6

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Release No.	History
102937	03.12.2012
102937	13.12.2012
102937	20.12.2012
102973	29.01.2013
102973	11.03.2013
102974	14.03.2013
103038	08.10.2013
103184	31.10.2014
103495	09.11.2018



Drawn N.C.H.	Size CV
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Description	Part Number
9159 SINGLE PART - OPEN ENDED	00-9159-XX-06X-XXS

DATE 03-Dec-12	Issue 6
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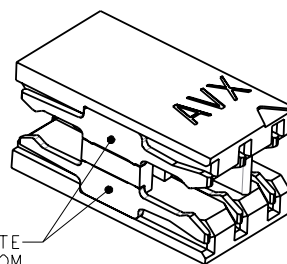
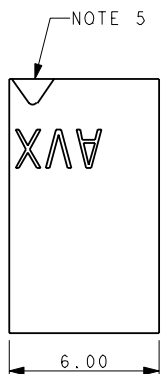
A

B

A

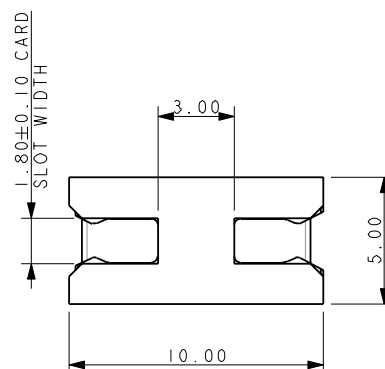
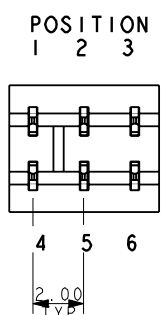
B

6 WAY SINGLE PART PCB STRIP CONNECTOR OPEN ENDED



CONTACTS SEPERATE
TOP AND BOTTOM

SECTION VIEW THROUGH CONTACT

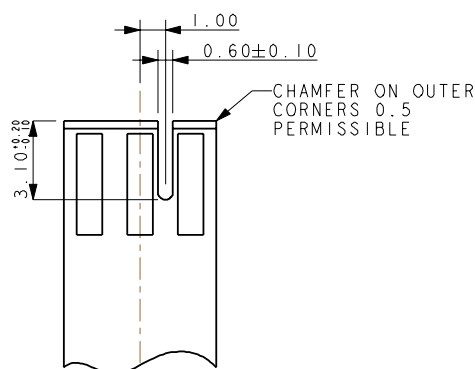
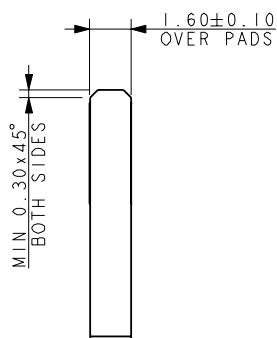
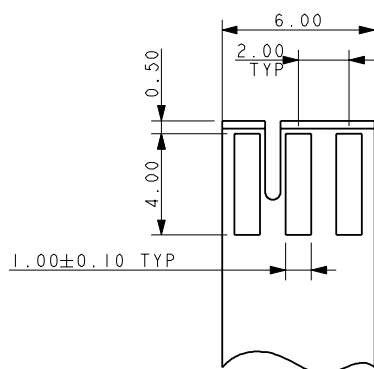


NOTES :-

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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)

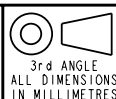


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SHEET 3 TO 6

FORM-106-01-056-6 ISS 8

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102937	20.12.2012
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102974	14.03.2013
103038	08.10.2013
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103495	09.11.2018



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

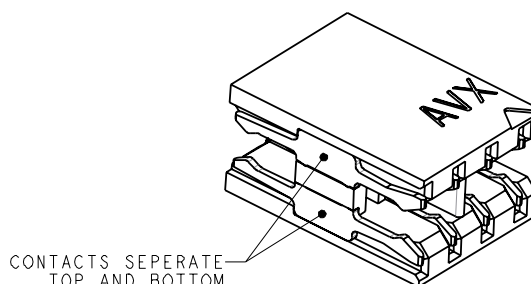
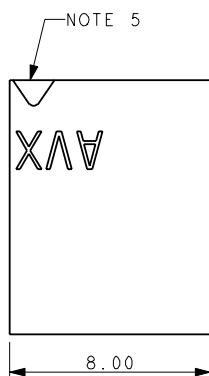
A

B

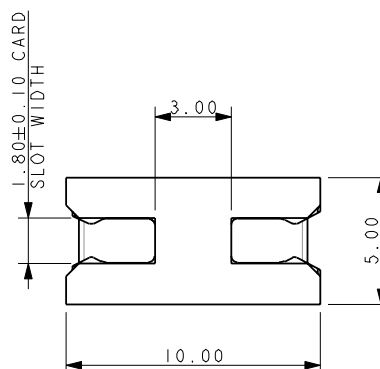
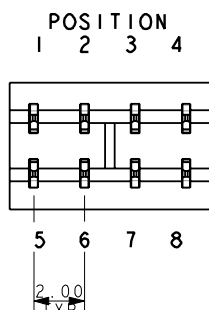
A

B

8 WAY SINGLE PART PCB STRIP CONNECTOR OPEN ENDED



SECTION VIEW THROUGH CONTACT

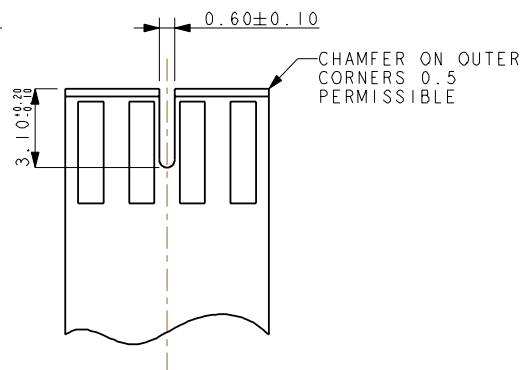
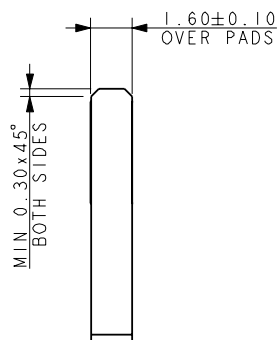
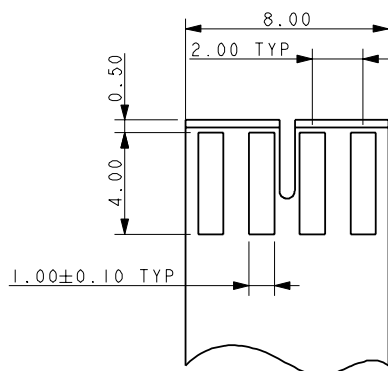


NOTES :-

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SUGGESTED PCB LAYOUT

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



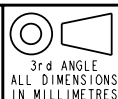
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SHEET 4 TO 6

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102937	29.01.2013
102973	11.03.2013
102974	14.03.2013
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103495	09.11.2018



Drawn N.C.H.	Size CV
-----------------	------------

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

DATE	Issue
03-Dec-12	6

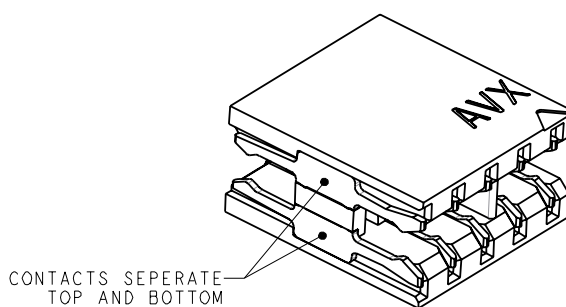
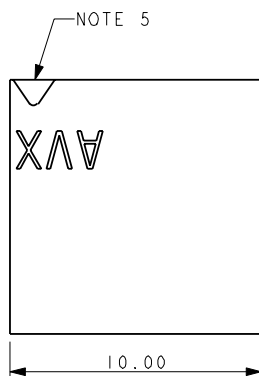
A

B

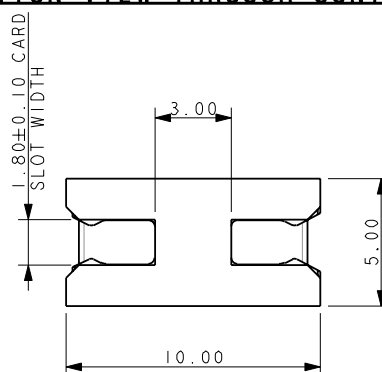
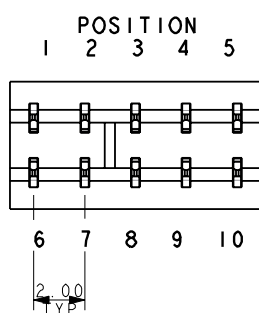
A

B

10 WAY SINGLE PART PCB STRIP CONNECTOR OPEN ENDED



SECTION VIEW THROUGH CONTACT

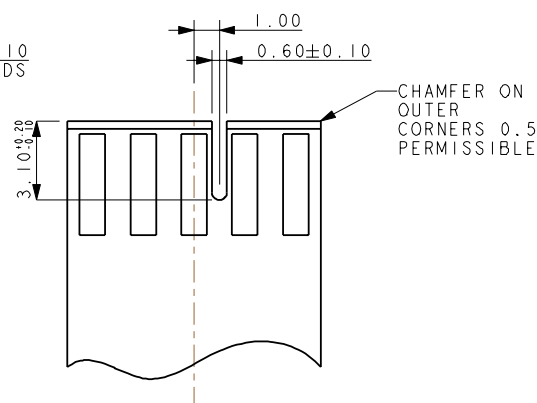
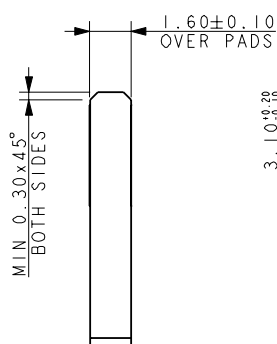
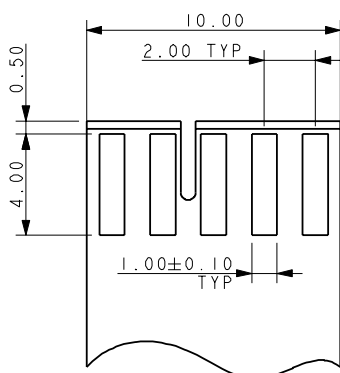


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SUGGESTED PCB LAYOUT

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

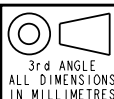


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SHEET 5 TO 6

Release No.
History
102937
03.12.2012
13.12.2012
20.12.2012
102973
11.03.2013
102974
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08.10.2013
103184
31.10.2014
103495
09.11.2018



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

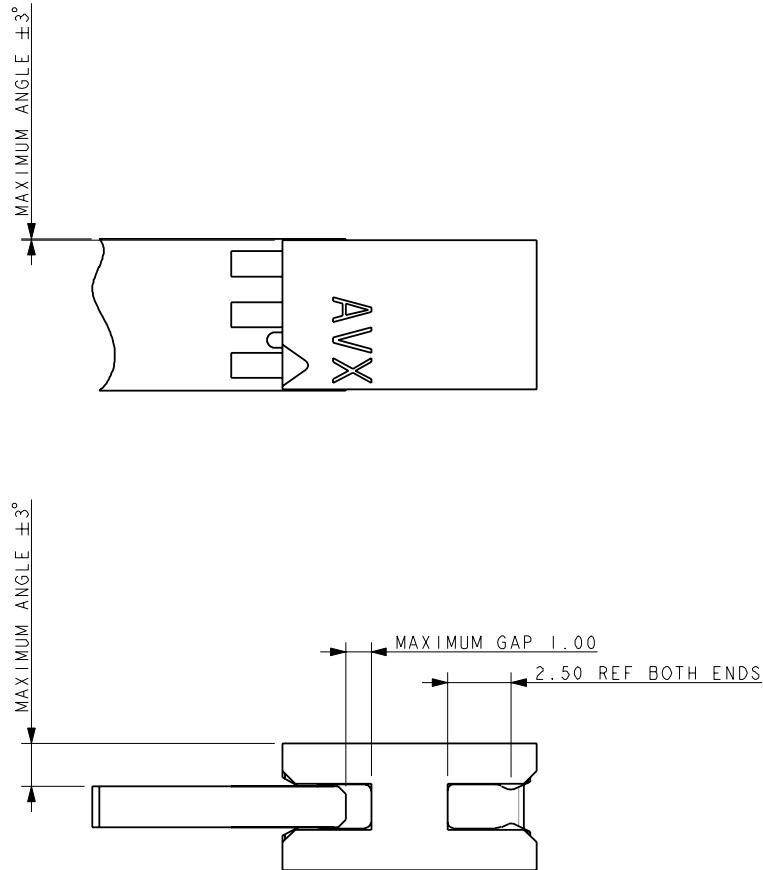
A

B

A

B

9159 SINGLE PART PCB STRIP CONNECTOR
MAXIMUM PCB MISALIGNMENT



NOTES :-

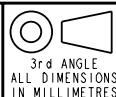
1. 6 WAY CONNECTOR SHOWN, DIMENSIONS APPLY TO 4, 6, 8 AND 10 WAY.
2. THE FIGURES GIVEN ARE THE MAXIMUM PERMITTED MISALIGNMENT, FOR BEST RESULTS MISALIGNMENT SHOULD BE KEPT TO A MINIMUM.

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SHEET 6 OF 6

FORM-106-01-056-6 ISS 8

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102974
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103038
08.10.2013
103184
31.10.2014
103495
09.11.2018



3rd ANGLE
ALL DIMENSIONS
IN MILLIMETRES



Drawn
N.C.H.
Size
CV

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

DATE
13-Mar-13
Issue
6

A

B