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24-9159-XXX-1X2-XX6

PREFIX

CODE	TYPE
24	RIGHT ANGLE WIRED SOCKET IDC TERMINATIONS

SERIES

NO. OF WAYS

CODE	NO. OF WAYS	DETAILS
002	2	SHEET 2&7
003	3	SHEET 3&8
004	4	SHEET 4&9
005	5	SHEET 5&10
006	6	SHEET 6&11



2 PART PCB STRIP CONNECTOR

CODE	DESCRIPTION
1	2 PART WIRED IDC STRIP CONNECTOR

WIRE GAUGE

CODE	WIRE GAUGE
2	22AWG
3	24AWG

WIRE INSULATION DIAMETER

CODE	WIRE INSULATION SIZE RANGE
2	Ø1.10mm TO Ø1.60mm

COLOUR OPTIONS

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

CAP OPTIONS

CODE	CAP OPTION	AVAILABILITY
0	THROUGH WIRE	ALLOWS WIRES TO BE TERMINATED AT ANY POINT
9	WIRE STOP	TERMINATES END OF WIRE END PROTECTED WITH STOP FACE

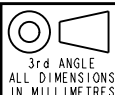
PLATING OPTION

CODE	CONTACT
6	GOLD ON CONTACT, TIN ON IDC



FORM-106-01-036-6 ISS 7

Release No.
History
102727
21.07.2011
25.08.2011
05.12.2011
09.01.2012
102844
23.01.2012
102862
13.03.2012



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Drawn
N.C.H.
Size
CV

Description
9159 TWO PART - ORDERING CODE
Part Number
24-9159-01-100S

SHEET 1 OF 14

DATE
01-July-11
Issue
3

B

2

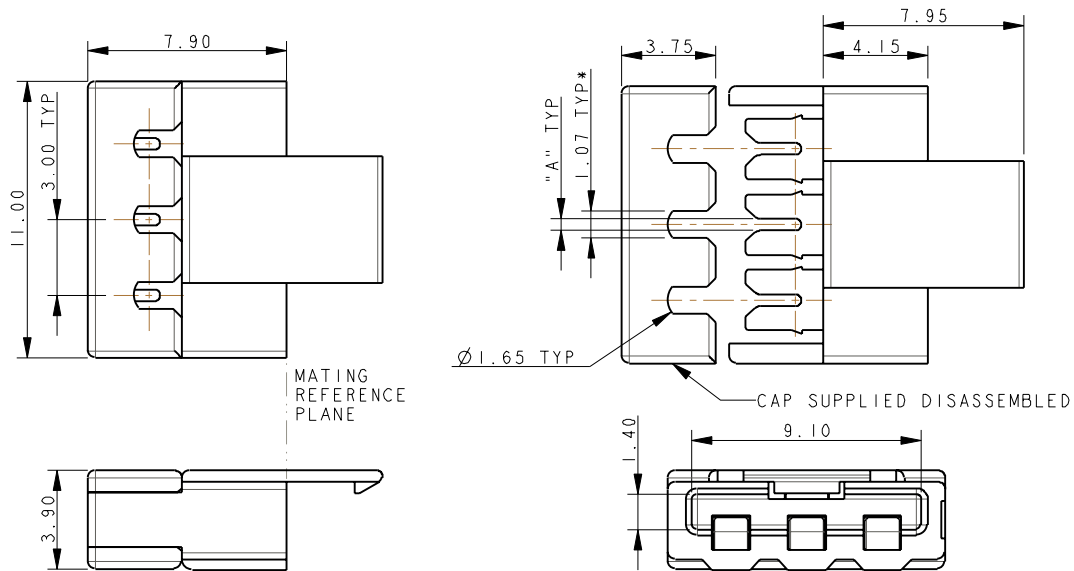
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4

SHEET 2 OF 14

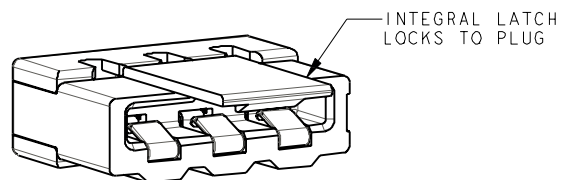
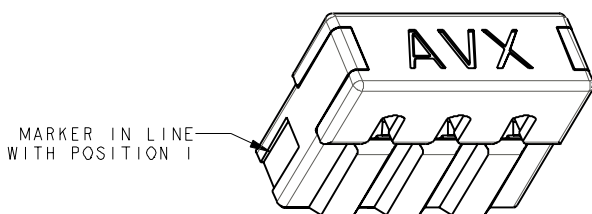
SOCKET - WIRED - 3 WAY THROUGH WIRE CAP



WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

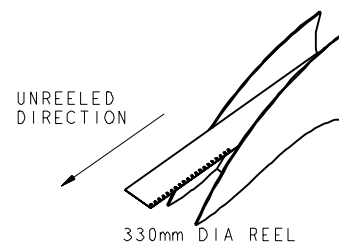
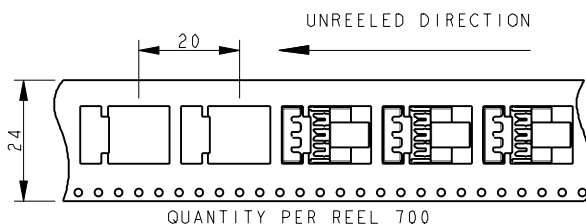
NOTES:

- FOR MORE INFORMATION REFER TO PRODUCT SPEC 201-01-119. FOR WIRE ASSEMBLY REFER TO APPLICATION NOTES 201-01-123.
- THROUGH WIRE CAP, FOR TERMINATION OF WIRE IN ANY POSITION.
- CAP ACTS AS WIRE ASSEMBLY TOOL. *WIRE PREFIT TO CAP, NARROW SLOT TO GRIP WIRE. PERMANENT ASSEMBLY.
- GENERAL TOLERANCE ± 0.20 UNLESS SPECIFIED..
- INSULATOR MATERIAL :- NYLON 46, GLASS FILLED, UL94 V-0, COLOUR REFER TO SHEET 1.
- CONTACT MATERIAL :- COPPER ALLOY, PLATING NICKEL BASE ALL OVER, GOLD ON CONTACT, TIN ON IDC.
- PACKING IN TAPE AND REEL. QTY PER REEL 700, POCKET CONTAINS 1 CONNECTOR AND 1 CAP.
- WIRE GAUGE OPTIONS, SEE TABLE.
- ASSEMBLY AIDS, REFER TO SHEETS 12 AND 13.



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PACKING DETAILS CAP AND CONNECTOR SUPPLIED TOGETHER (TWO PARTS)

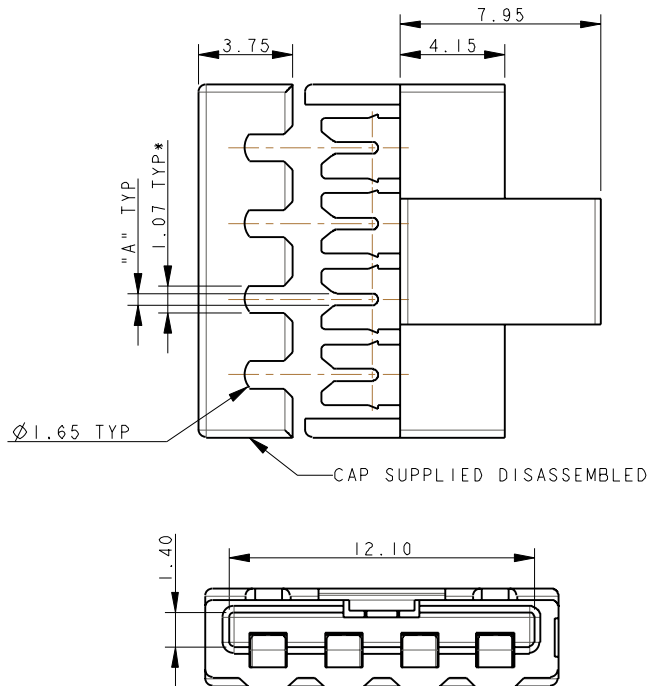
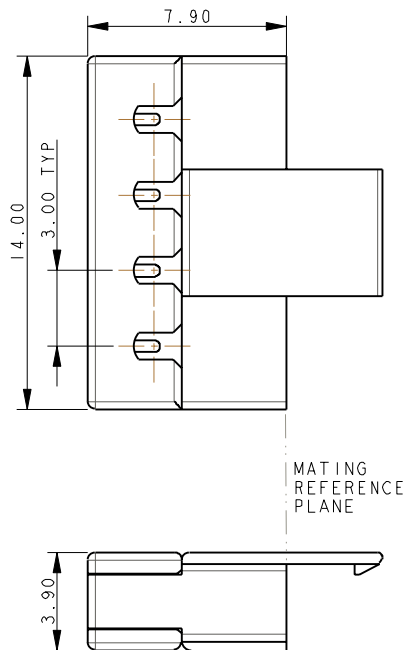


SHEET 3 OF 14

FORM-106-01-036-6 ISS 7

Release No. History 102727 21.07.2011 25.08.2011 05.12.2011 09.01.2012 102844 23.01.2012 102862 13.03.2012		3rd ANGLE ALL DIMENSIONS IN MILLIMETRES	ELCO © COPYRIGHT ELCO EUROPE NOT TO BE DISCLOSED OR COPIED WITHOUT WRITTEN PERMISSION	Drawn N.C.H.	Description 9159 TWO PART - ORDERING CODE	DATE 01-July-11
				Size CV	Part Number 24-9159-01_100S	Issue 3

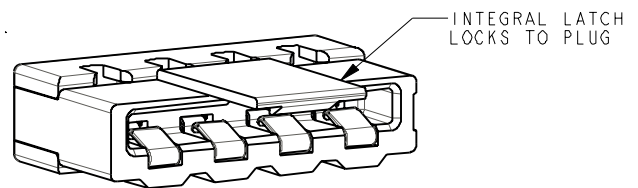
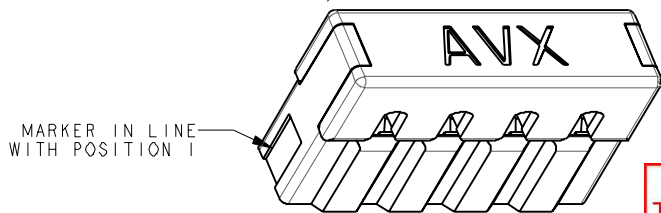
SOCKET - WIRED - 4 WAY THROUGH WIRE CAP



WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

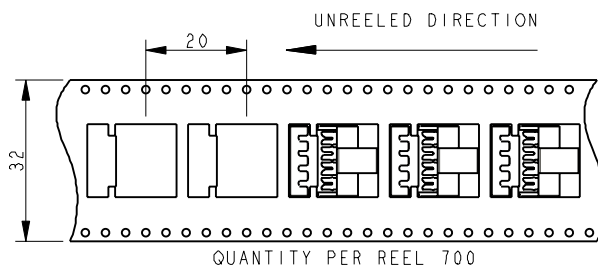
NOTES:

- FOR MORE INFORMATION REFER TO PRODUCT SPEC 201-01-119. FOR WIRE ASSEMBLY REFER TO APPLICATION NOTES 201-01-123.
- THROUGH WIRE CAP, FOR TERMINATION OF WIRE IN ANY POSITION.
- CAP ACTS AS WIRE ASSEMBLY TOOL. *WIRE PREFIT TO CAP, NARROW SLOT TO GRIP WIRE. PERMANENT ASSEMBLY.
- GENERAL TOLERANCE ± 0.20 UNLESS SPECIFIED..
- INSULATOR MATERIAL :- NYLON 46, GLASS FILLED, UL94 V-0, COLOUR REFER TO SHEET 1.
- CONTACT MATERIAL :- COPPER ALLOY, PLATING NICKEL BASE ALL OVER, GOLD ON CONTACT, TIN ON IDC.
- PACKING IN TAPE AND REEL. QTY PER REEL 700, POCKET CONTAINS 1 CONNECTOR AND 1 CAP.
- WIRE GAUGE OPTIONS, SEE TABLE.
- ASSEMBLY AIDS, REFER TO SHEETS 12 AND 13.

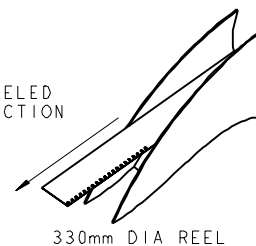


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PACKING DETAILS CAP AND CONNECTOR SUPPLIED TOGETHER (TWO PARTS)



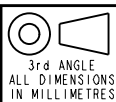
UNREELED DIRECTION



SHEET 4 OF 14

FORM-106-01-036-6 ISS 7

Release No.	History
102727	21.07.2011
102727	25.08.2011
102727	05.12.2011
102844	09.01.2012
102844	23.01.2012
102862	13.03.2012

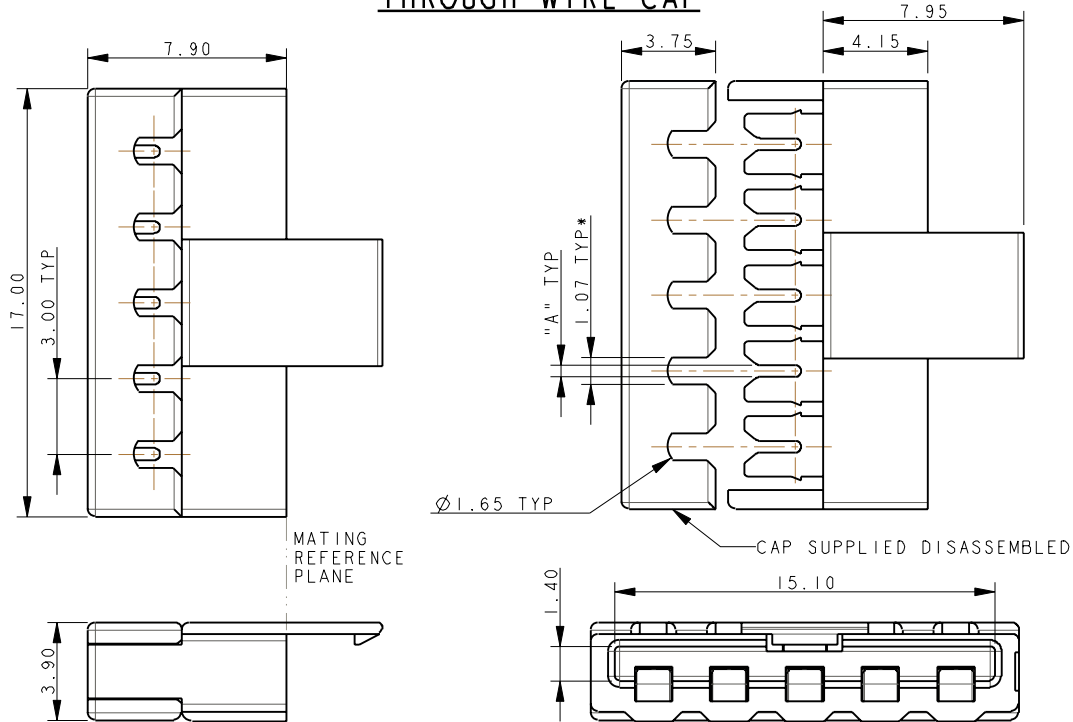


Drawn	Size
N.C.H.	CV

Description	Part Number
9159 TWO PART - ORDERING CODE	24-9159-01.100S

DATE	Issue
01-July-11	3

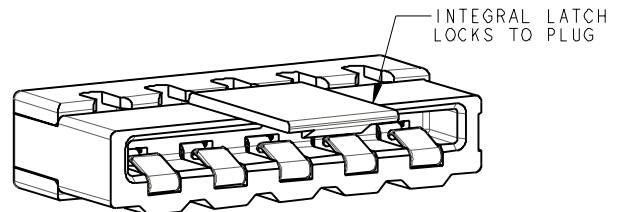
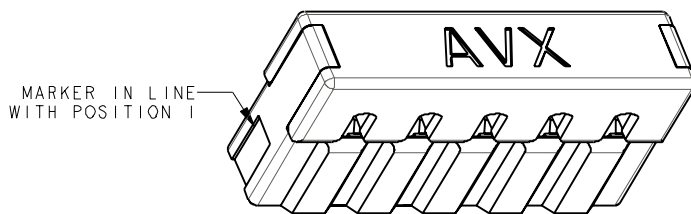
SOCKET - WIRED - 5 WAY THROUGH WIRE CAP



WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

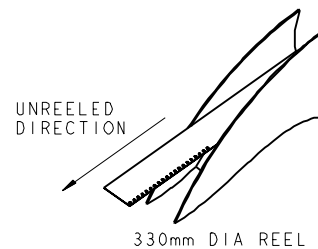
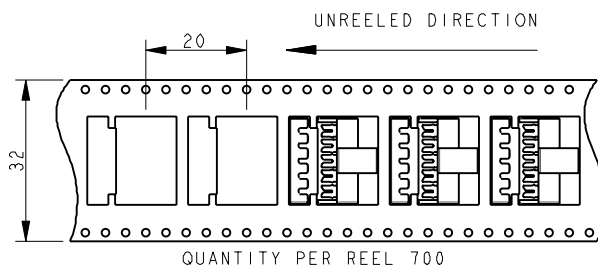
NOTES:

- FOR MORE INFORMATION REFER TO PRODUCT SPEC 201-01-119. FOR WIRE ASSEMBLY REFER TO APPLICATION NOTES 201-01-123.
- THROUGH WIRE CAP, FOR TERMINATION OF WIRE IN ANY POSITION.
- CAP ACTS AS WIRE ASSEMBLY TOOL. *WIRE PREFIT TO CAP, NARROW SLOT TO GRIP WIRE. PERMANENT ASSEMBLY.
- GENERAL TOLERANCE ± 0.20 UNLESS SPECIFIED..
- INSULATOR MATERIAL :- NYLON 46, GLASS FILLED, UL94 V-0, COLOUR REFER TO SHEET 1.
- CONTACT MATERIAL :- COPPER ALLOY, PLATING NICKEL BASE ALL OVER, GOLD ON CONTACT, TIN ON IDC.
- PACKING IN TAPE AND REEL. QTY PER REEL 700, POCKET CONTAINS 1 CONNECTOR AND 1 CAP.
- WIRE GAUGE OPTIONS, SEE TABLE.
- ASSEMBLY AIDS, REFER TO SHEETS 12 AND 13.



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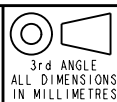
PACKING DETAILS CAP AND CONNECTOR SUPPLIED TOGETHER (TWO PARTS)



SHEET 5 OF 14

FORM-106-01-036-6 ISS 7

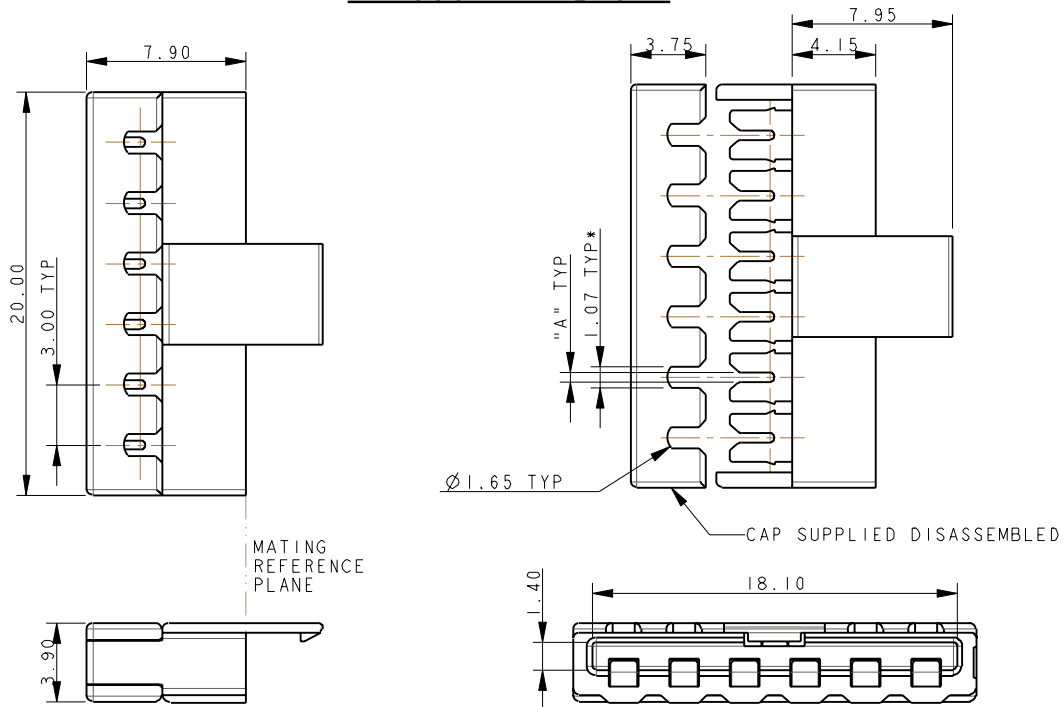
Release No.	History
102727	21.07.2011
102727	25.08.2011
102727	05.12.2011
102844	09.01.2012
102844	23.01.2012
102862	13.03.2012



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Drawn N.C.H.	Description 9159 TWO PART - ORDERING CODE	DATE 01-July-11
Size CV	Part Number 24-9159-01_100S	Issue 3

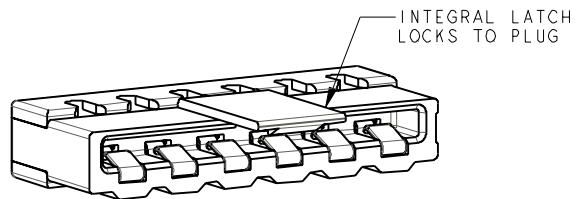
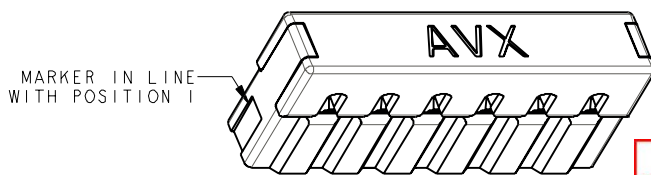
SOCKET - WIRED - 6 WAY THROUGH WIRE CAP



WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

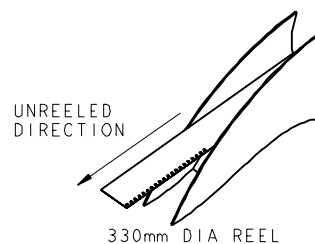
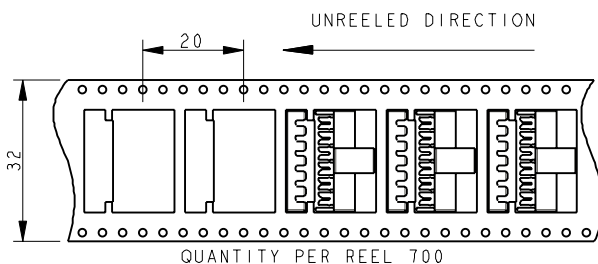
NOTES:

- FOR MORE INFORMATION REFER TO PRODUCT SPEC 201-01-119. FOR WIRE ASSEMBLY REFER TO APPLICATION NOTES 201-01-123.
- THROUGH WIRE CAP, FOR TERMINATION OF WIRE IN ANY POSITION.
- CAP ACTS AS WIRE ASSEMBLY TOOL. *WIRE PREFIT TO CAP, NARROW SLOT TO GRIP WIRE. PERMANENT ASSEMBLY.
- GENERAL TOLERANCE ± 0.20 UNLESS SPECIFIED..
- INSULATOR MATERIAL :- NYLON 46, GLASS FILLED, UL94 V-0, COLOUR REFER TO SHEET 1.
- CONTACT MATERIAL :- COPPER ALLOY, PLATING NICKEL BASE ALL OVER, GOLD ON CONTACT, TIN ON IDC.
- PACKING IN TAPE AND REEL. QTY PER REEL 700, POCKET CONTAINS 1 CONNECTOR AND 1 CAP.
- WIRE GAUGE OPTIONS, SEE TABLE.
- ASSEMBLY AIDS, REFER TO SHEETS 12 AND 13.



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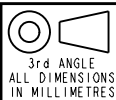
PACKING DETAILS CAP AND CONNECTOR SUPPLIED TOGETHER (TWO PARTS)



SHEET 6 OF 14

FORM-106-01-036-6 ISS 7

Release No.
History
102727
21.07.2011
25.08.2011
05.12.2011
09.01.2012
102844
23.01.2012
102862
13.03.2012



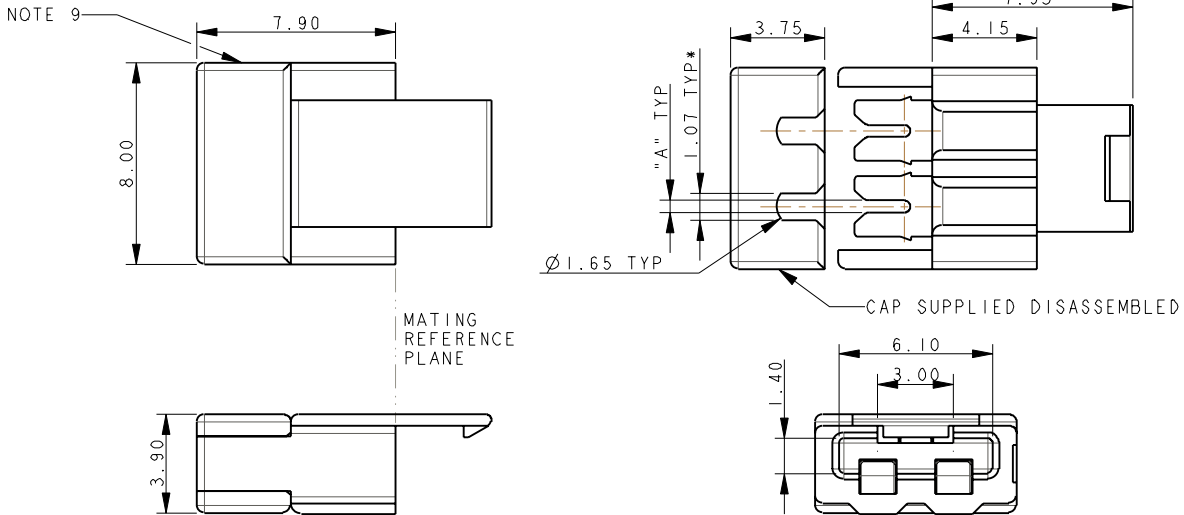
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Drawn
N.C.H.
Size
CV

Description
9159 TWO PART - ORDERING CODE
Part Number
24-9159-01-100S

DATE
01-July-11
Issue
3

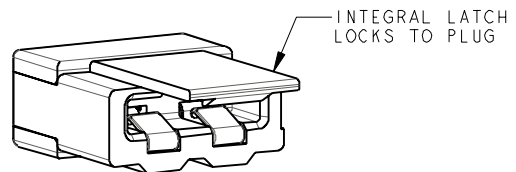
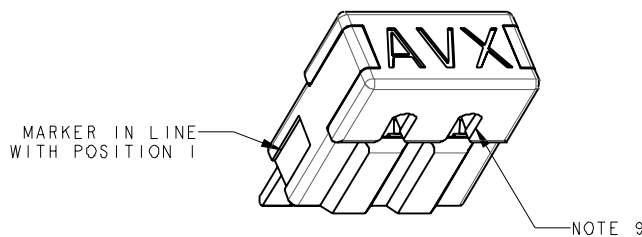
SOCKET - WIRED - 2 WAY **WIRE STOP CAP**



WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

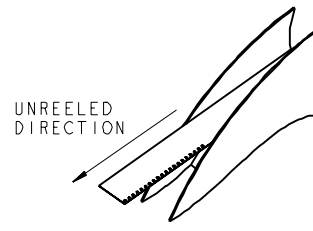
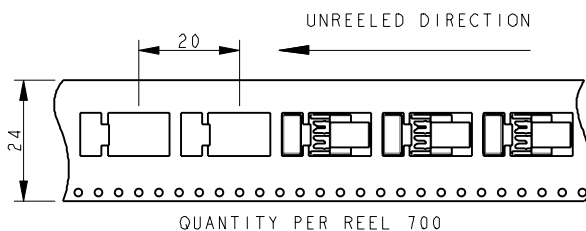
NOTES:

- FOR MORE INFORMATION REFER TO PRODUCT SPEC 201-01-119. FOR WIRE ASSEMBLY REFER TO APPLICATION NOTES 201-01-123.
- WIRE STOP CAP, WITH STOP FACE ON ONE SIDE TO PROTECT END OF WIRE.
- CAP ACTS AS WIRE ASSEMBLY TOOL. *WIRE PREFIT TO CAP, NARROW SLOT TO GRIP WIRE. PERMANENT ASSEMBLY.
- GENERAL TOLERANCE ± 0.20 UNLESS SPECIFIED..
- INSULATOR MATERIAL :- NYLON 46, GLASS FILLED, UL94 V-0, COLOUR REFER TO SHEET 1.
- CONTACT MATERIAL :- COPPER ALLOY, PLATING NICKEL BASE ALL OVER, GOLD ON CONTACT, TIN ON IDC.
- PACKING IN TAPE AND REEL. QTY PER REEL 700, POCKET CONTAINS 1 CONNECTOR AND 1 CAP.
- WIRE GAUGE OPTIONS, SEE TABLE.
- SHOWN WITH WIRE ENTRY FROM UNDERSIDE, CAP CAN BE ASSEMBLED FOR EITHER TOP OR UNDERSIDE WIRE ENTRY.
- ASSEMBLY AIDS, REFER TO SHEETS 12 AND 13.



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PACKING DETAILS **CAP AND CONNECTOR SUPPLIED TOGETHER (TWO PARTS)**



SHEET 7 OF 14

FORM-106-01-036-6 ISS 7

Release No. History 102727 21.07.2011 25.08.2011 05.12.2011 09.01.2012 102844 23.01.2012 102862 13.03.2012		3rd ANGLE ALL DIMENSIONS IN MILLIMETRES	ELCO © COPYRIGHT ELCO EUROPE NOT TO BE DISCLOSED OR COPIED WITHOUT WRITTEN PERMISSION	Drawn N.C.H.	Description 9159 TWO PART - ORDERING CODE	DATE 01-July-11
				Size CV	Part Number 24-9159-01_100S	Issue 3

B

2

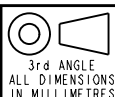
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4



Release No.	History
102727	07.2011
102844	08.2011
102862	12.2011
102862	01.2012
102862	03.2012



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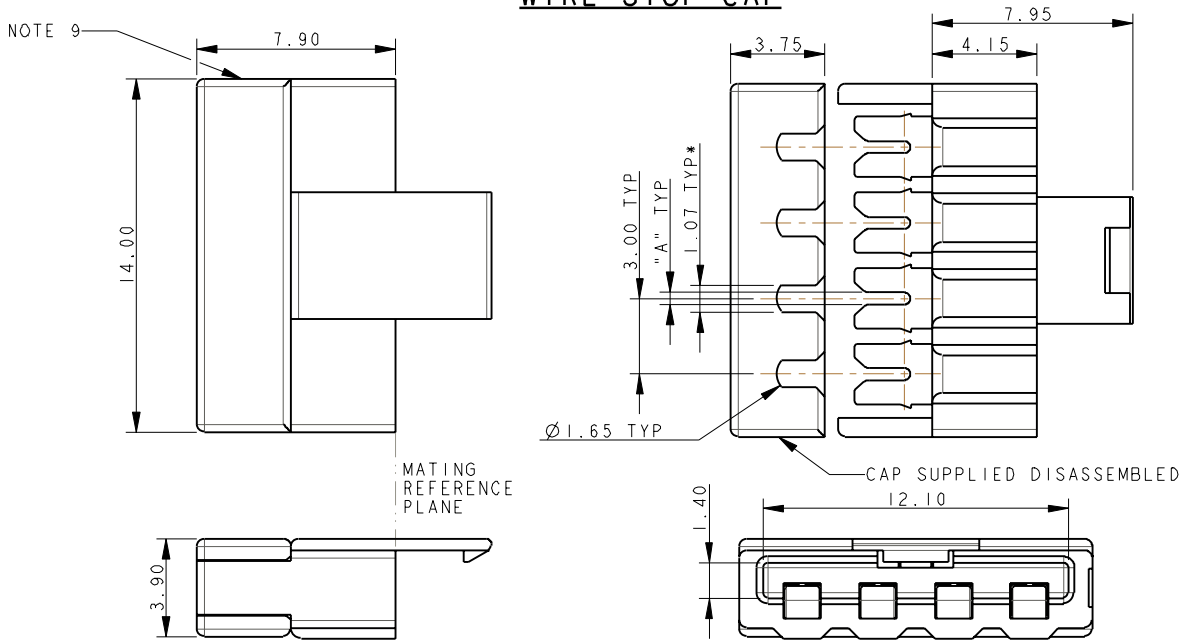
Size
CV

Description
9159 TWO PART - ORDERING CODE
Part Number
24-9159-01_100S

DATE
01-July-11

Issue
3

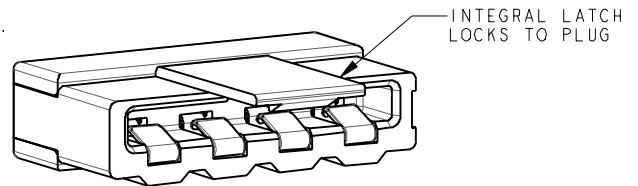
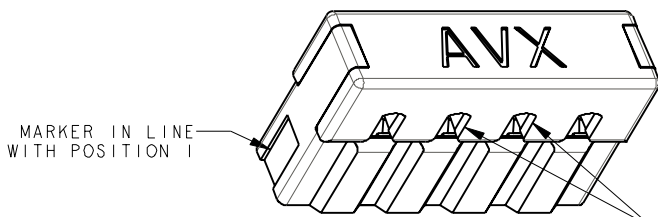
SOCKET - WIRED - 4 WAY **WIRE STOP CAP**



WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

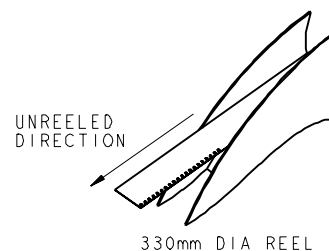
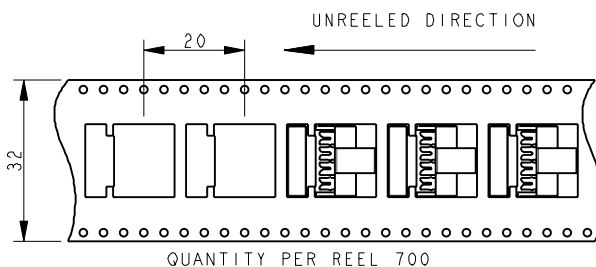
NOTES:

- FOR MORE INFORMATION REFER TO PRODUCT SPEC 201-01-119. FOR WIRE ASSEMBLY REFER TO APPLICATION NOTES 201-01-123.
- WIRE STOP CAP, WITH STOP FACE ON ONE SIDE TO PROTECT END OF WIRE.
- CAP ACTS AS WIRE ASSEMBLY TOOL. *WIRE PREFIT TO CAP, NARROW SLOT TO GRIP WIRE. PERMANENT ASSEMBLY.
- GENERAL TOLERANCE ± 0.20 UNLESS SPECIFIED..
- INSULATOR MATERIAL :- NYLON 46, GLASS FILLED, UL94 V-0, COLOUR REFER TO SHEET 1.
- CONTACT MATERIAL :- COPPER ALLOY, PLATING NICKEL BASE ALL OVER, GOLD ON CONTACT, TIN ON IDC.
- PACKING IN TAPE AND REEL. QTY PER REEL 700, POCKET CONTAINS 1 CONNECTOR AND 1 CAP.
- WIRE GAUGE OPTIONS, SEE TABLE.
- SHOWN WITH WIRE ENTRY FROM UNDERSIDE, CAP CAN BE ASSEMBLED FOR EITHER TOP OR UNDERSIDE WIRE ENTRY.
- ASSEMBLY AIDS, REFER TO SHEETS 12 AND 13.



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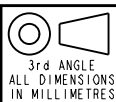
PACKING DETAILS **CAP AND CONNECTOR SUPPLIED TOGETHER (TWO PARTS)**



SHEET 9 OF 14

FORM-106-01-036-6 ISS 7

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21.07.2011
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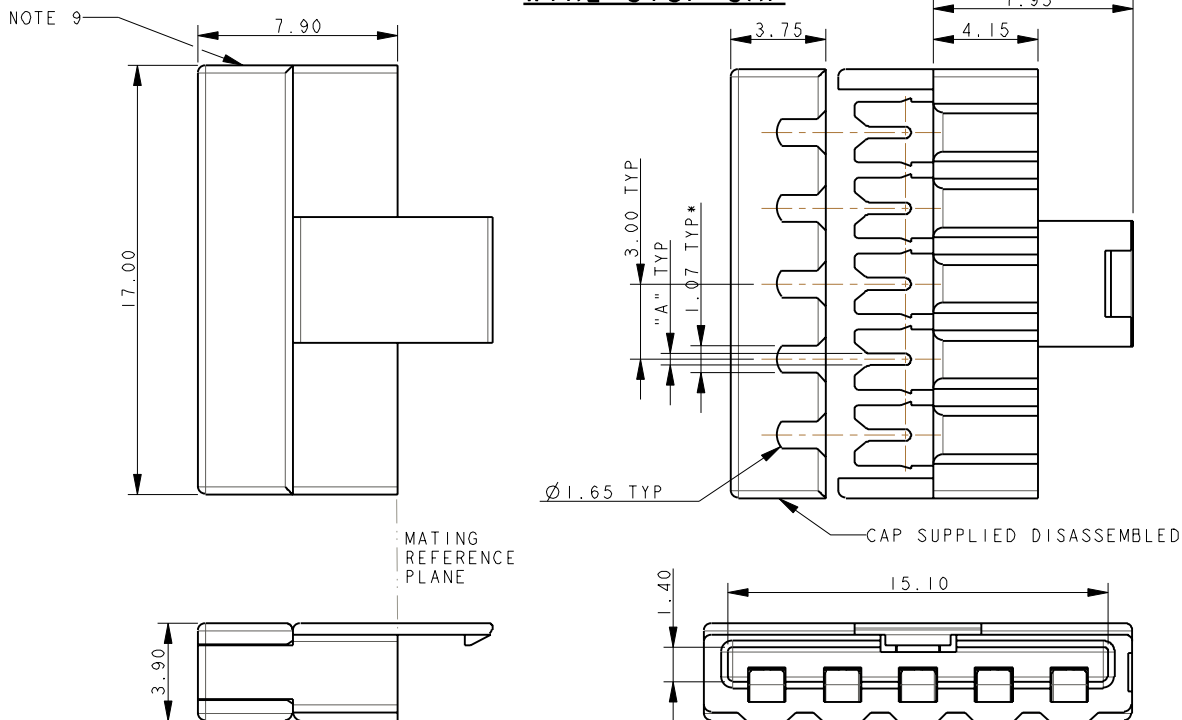
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Size
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Description
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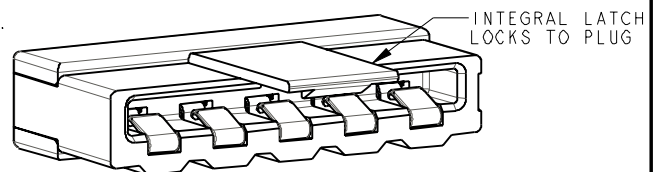
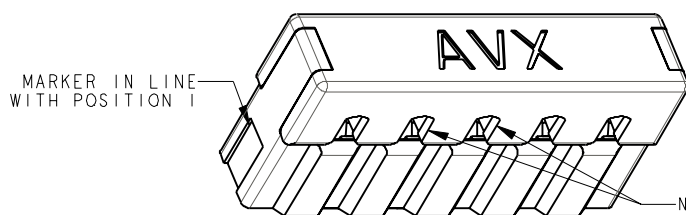
SOCKET - WIRED - 5 WAY **WIRE STOP CAP**



WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

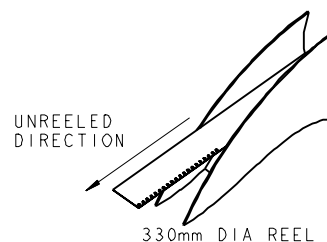
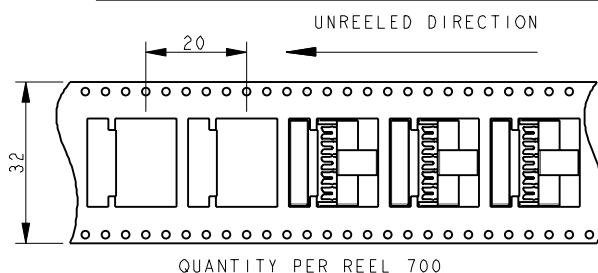
NOTES:

- FOR MORE INFORMATION REFER TO PRODUCT SPEC 201-01-119. FOR WIRE ASSEMBLY REFER TO APPLICATION NOTES 201-01-123.
- WIRE STOP CAP, WITH STOP FACE ON ONE SIDE TO PROTECT END OF WIRE.
- CAP ACTS AS WIRE ASSEMBLY TOOL. *WIRE PREFIT TO CAP, NARROW SLOT TO GRIP WIRE. PERMANENT ASSEMBLY.
- GENERAL TOLERANCE ± 0.20 UNLESS SPECIFIED.
- INSULATOR MATERIAL :- NYLON 46, GLASS FILLED, UL94 V-0, COLOUR REFER TO SHEET 1.
- CONTACT MATERIAL :- COPPER ALLOY, PLATING NICKEL BASE ALL OVER, GOLD ON CONTACT, TIN ON IDC.
- PACKING IN TAPE AND REEL. QTY PER REEL 700, POCKET CONTAINS 1 CONNECTOR AND 1 CAP.
- WIRE GAUGE OPTIONS, SEE TABLE.
- SHOWN WITH WIRE ENTRY FROM UNDERSIDE, CAP CAN BE ASSEMBLED FOR EITHER TOP OR UNDERSIDE WIRE ENTRY.
- ASSEMBLY AIDS, REFER TO SHEETS 12 AND 13.



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PACKING DETAILS **CAP AND CONNECTOR SUPPLIED TOGETHER (TWO PARTS)**

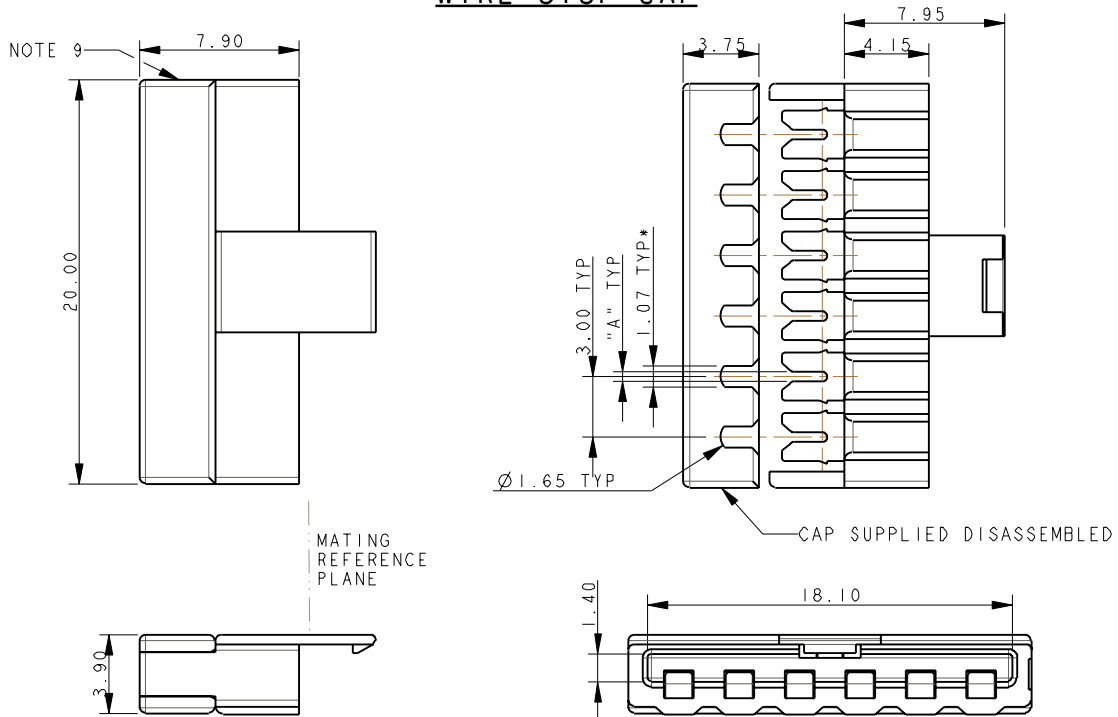


SHEET 10 OF 14

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<p>Release No. History 102727 21.07.2011 25.08.2011 05.12.2011 09.01.2012 102844 23.01.2012 102862 13.03.2012</p>		<p>3rd ANGLE ALL DIMENSIONS IN MILLIMETRES</p>	<p>ELCO © COPYRIGHT ELCO EUROPE NOT TO BE DISCLOSED OR COPIED WITHOUT WRITTEN PERMISSION</p>	<p>Drawn N.C.H.</p>	<p>Description 9159 TWO PART - ORDERING CODE</p>	<p>DATE 01-July-11</p>
				<p>Size CV</p>	<p>Part Number 24-9159-01_100S</p>	<p>Issue 3</p>

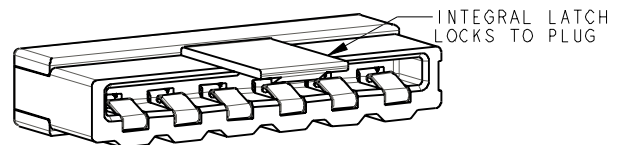
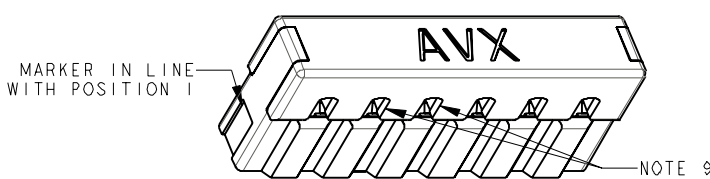
SOCKET - WIRED - 6 WAY **WIRE STOP CAP**



WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

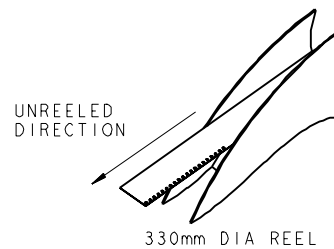
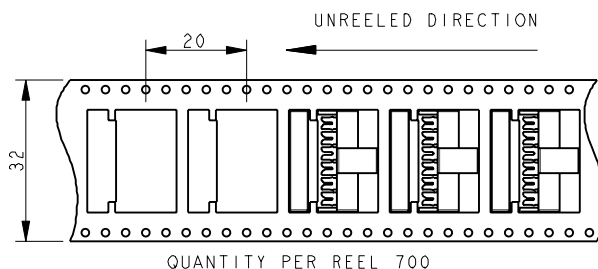
NOTES:

- FOR MORE INFORMATION REFER TO PRODUCT SPEC 201-01-119. FOR WIRE ASSEMBLY REFER TO APPLICATION NOTES 201-01-123.
- WIRE STOP CAP, WITH STOP FACE ON ONE SIDE TO PROTECT END OF WIRE.
- CAP ACTS AS WIRE ASSEMBLY TOOL. *WIRE PREFIT TO CAP, NARROW SLOT TO GRIP WIRE. PERMANENT ASSEMBLY.
- GENERAL TOLERANCE ± 0.20 UNLESS SPECIFIED..
- INSULATOR MATERIAL :- NYLON 46, GLASS FILLED, UL94 V-0, COLOUR REFER TO SHEET 1.
- CONTACT MATERIAL :- COPPER ALLOY, PLATING NICKEL BASE ALL OVER, GOLD ON CONTACT, TIN ON IDC.
- PACKING IN TAPE AND REEL. QTY PER REEL 700, POCKET CONTAINS 1 CONNECTOR AND 1 CAP.
- WIRE GAUGE OPTIONS, SEE TABLE.
- SHOWN WITH WIRE ENTRY FROM UNDERSIDE, CAP CAN BE ASSEMBLED FOR EITHER TOP OR UNDERSIDE WIRE ENTRY.
- ASSEMBLY AIDS, REFER TO SHEETS 12 AND 13.



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PACKING DETAILS **CAP AND CONNECTOR SUPPLIED TOGETHER (TWO PARTS)**



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Release No.	History
102727	21.07.2011
102727	25.08.2011
102727	05.12.2011
102844	09.01.2012
102844	23.01.2012
102862	13.03.2012



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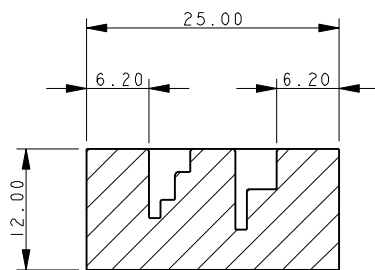
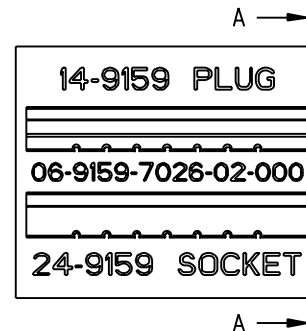
Drawn	Size
N.C.H.	CV

Description	Part Number
9159 TWO PART - ORDERING CODE	24-9159-01.100S

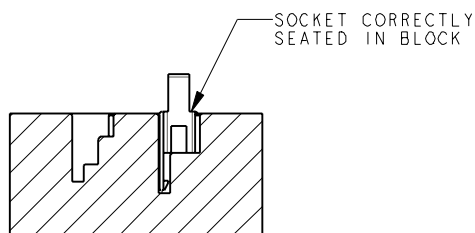
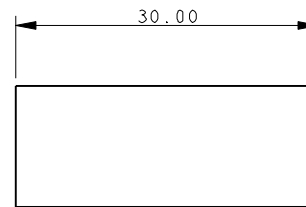
DATE	Issue
01-July-11	3

SOCKET - WIRED - ASSEMBLY SUPPORT BLOCK

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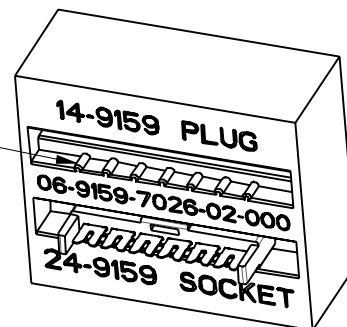


SECTION ON A-A



SECTION ON A-A

NOTE 7

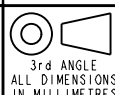


NOTES :-

1. BLOCK TO SUPPORT 9159 IDC WIRED CONNECTORS DURING ASSEMBLY OF CAP/WIRE.
2. PART NUMBER 06-9159-7026-01-000, MATERIAL ALUMINIUM.
PART NUMBER 06-9159-7026-02-000, MATERIAL NYLON 46.
3. CAN BE USED WITH EITHER PLUG OR SOCKET CONNECTORS. USE THE CORRECT SLOT AS IDENTIFIED.
4. FOR FULL WIRE ASSEMBLY DETAILS REFER TO APPLICATION NOTES 201-01-123.
5. ONLY SIMPLE FLAT BOTTOMED TOOL REQUIRED TO PUSH CAP DOWN (NOT SUPPLIED).
6. ALL DIMENSIONS ± 0.20 UNLESS TOLERANCED.
7. 06-9159-7026-02-000 HAS RIBS TO HELP LOCATE CONTACT/INSULATOR SUB-ASSEMBLY.

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Release No.
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102727
21.07.2011
25.08.2011
05.12.2011
09.01.2012
102844
23.01.2012
102862
13.03.2012



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Drawn
N.C.H.
Size
CV

Description
9159 TWO PART - ORDERING CODE
Part Number
24-9159-01-100S

DATE
18-Jul-11
Issue
3

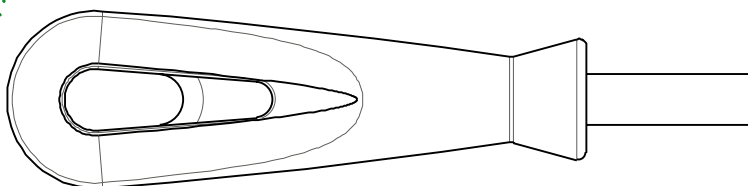
SHEET 12 OF 14

A

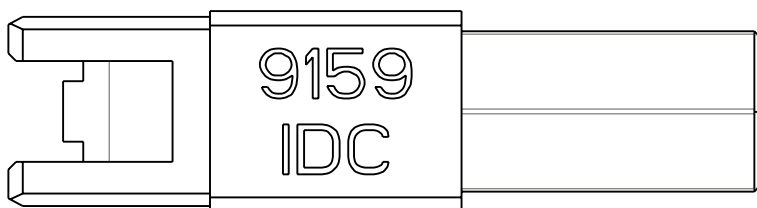
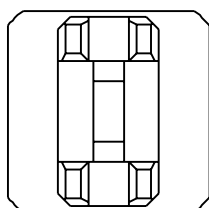
B



SOCKET - WIRED - WIRE INSERTION TOOL

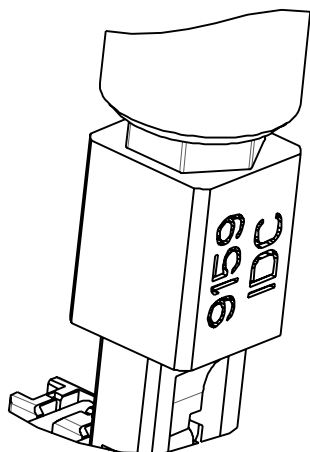


UNIVERSAL HANDLE 06-7000-7730-01-000



WIRE INSERTION TOOL 06-9159-7027-01-000

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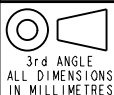
NOTES :-

1. TOOL 06-9159-7027-01-000 TO INSERT WIRES INTO CAP.
2. FOR USE WITH UNIVERSAL HANDLE 06-7000-7730-01-000.
3. CAN BE USED WITH BOTH THROUGH WIRE AND WIRE STOP CAPS.
2. REFER TO APPLICATION NOTES 201-01-123 FOR FURTHER DETAILS.

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SHEET 13 OF 14

Release No.
History
102844
23.01.2012
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Drawn
N.C.H.
Size
CV

Description
9159 IDC CONNECTOR - WIRE INSERTION
Part Number
24-9159-01-100S

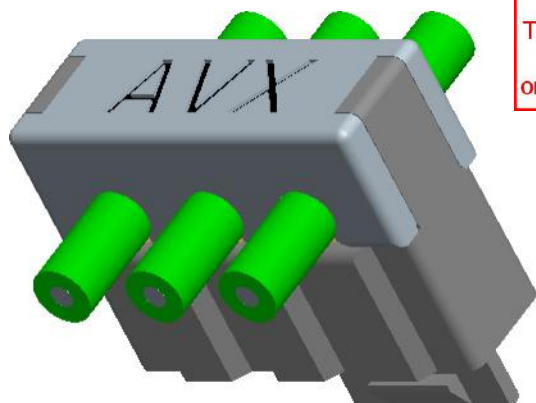
DATE
19-Jan-12
Issue
3

A

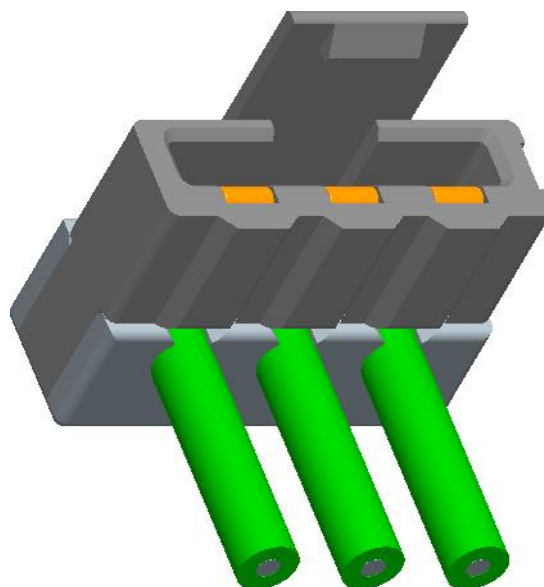
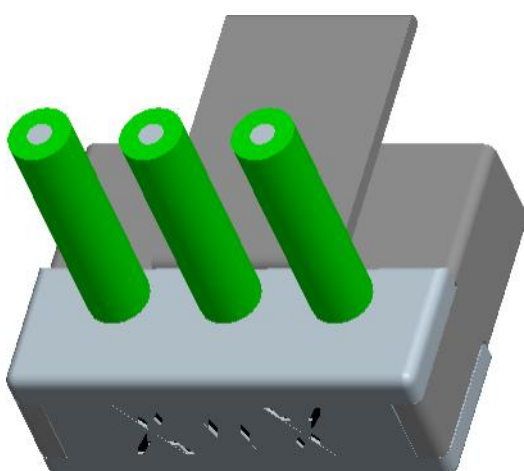
B

A

B

SOCKET - WIRED - ASSEMBLY

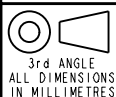
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SOCKET - WIRED - ASSEMBLY
THROUGH WIRESOCKET - WIRED - ASSEMBLY
WIRE STOP - WIRE ENTRY UNDERSIDESOCKET - WIRED - ASSEMBLY
WIRE STOP - WIRE ENTRY TOP

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Drawn
N.C.H.
Size
CV

Description
9159 TWO PART - ORDERING CODE
Part Number
24-9159-01_100S

SHEET 14 OF 14

DATE
01-July-11
Issue
3

A

B

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



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