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14-9159-XXX-1X2-XX6

PREFIX _____

CODE	TYPE
14	RIGHT ANGLE WIRED PLUG 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

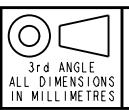
CAP OPTIONS _____

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

SHEET 1 OF 14



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Drawn
N.C.H.
Size
CV

Description
9159 TWO PART - ORDERING CODE
Part Number
14-9159-01_100S

Date
01-July-11
Issue
3

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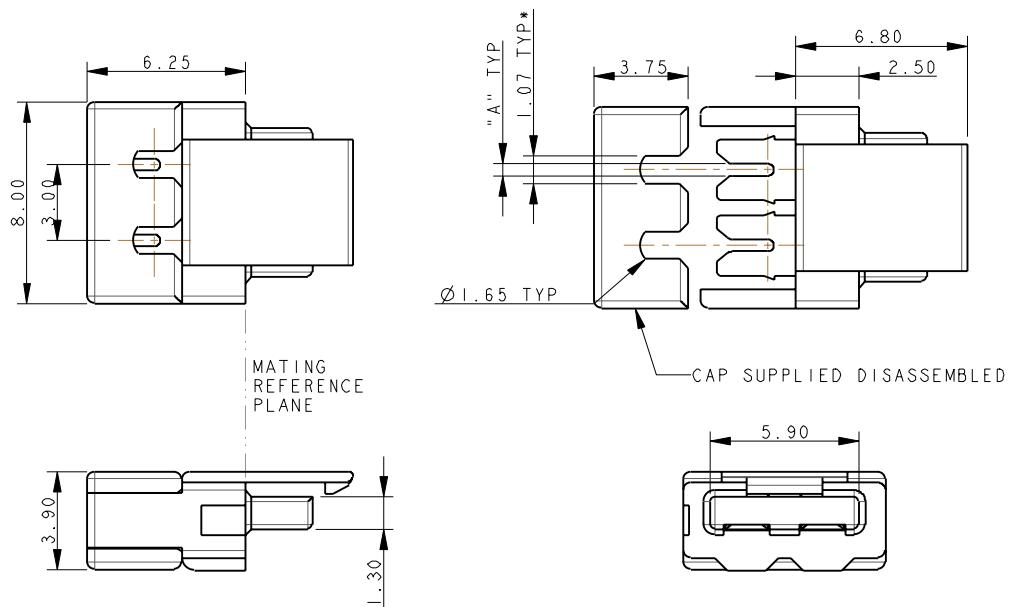
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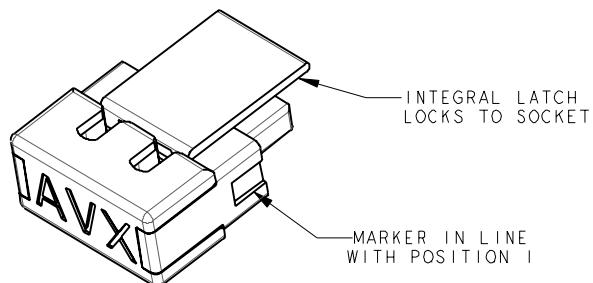
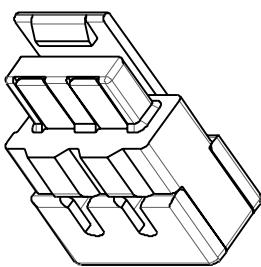
PLUG - WIRED - 2 WAY
THROUGH WIRE CAP



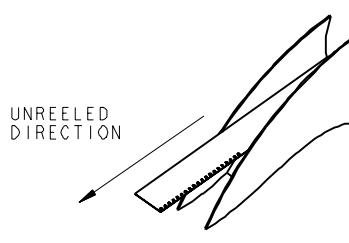
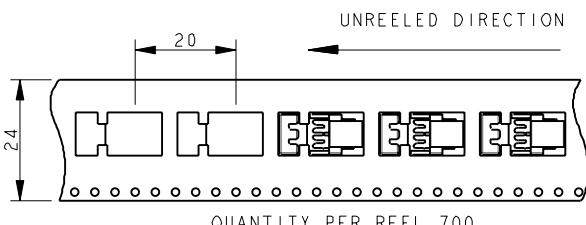
WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

NOTES:

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



PACKING DETAILS
CAP AND CONNECTOR SUPPLIED TOGETHER (2 PARTS)



SHEET 2 OF 14

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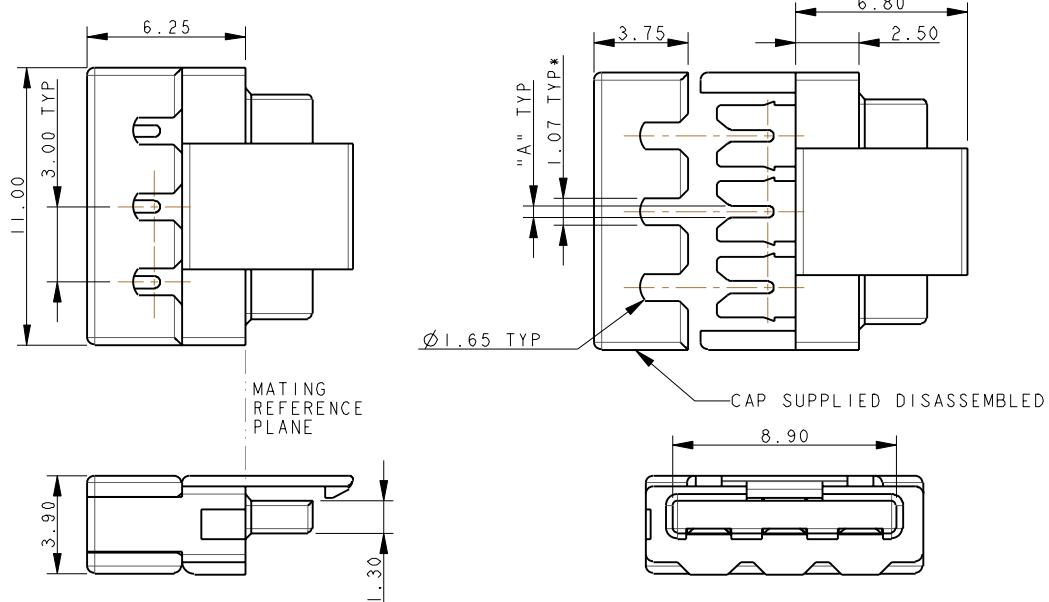
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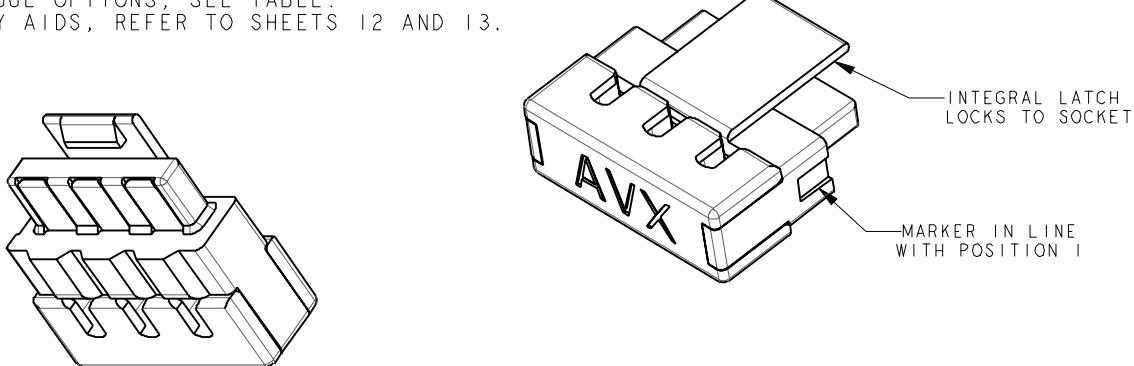
PLUG - WIRED - 3 WAY
THROUGH WIRE CAP



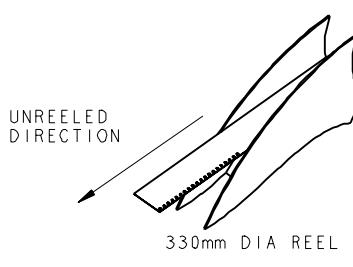
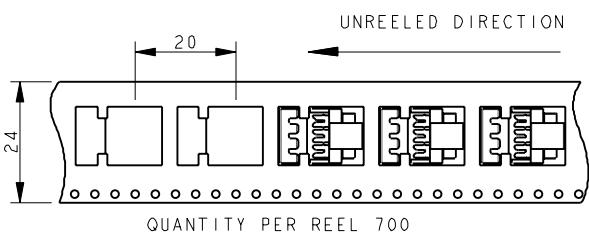
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9. ASSEMBLY AIDS, REFER TO SHEETS 12 AND 13.



PACKING DETAILS
CAP AND CONNECTOR SUPPLIED TOGETHER (TWO PARTS)



SHEET 3 OF 14

A

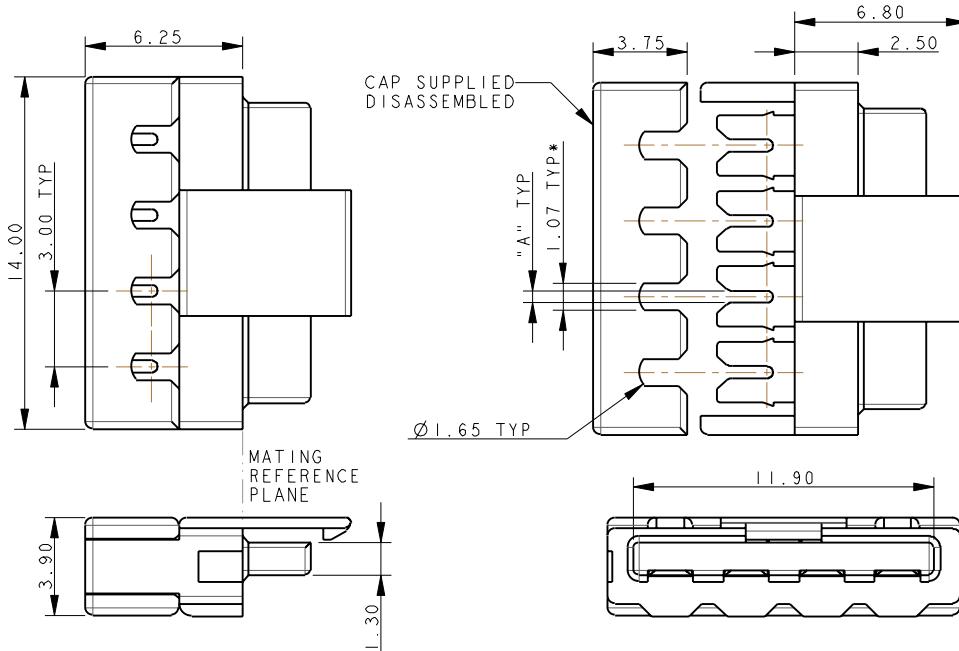
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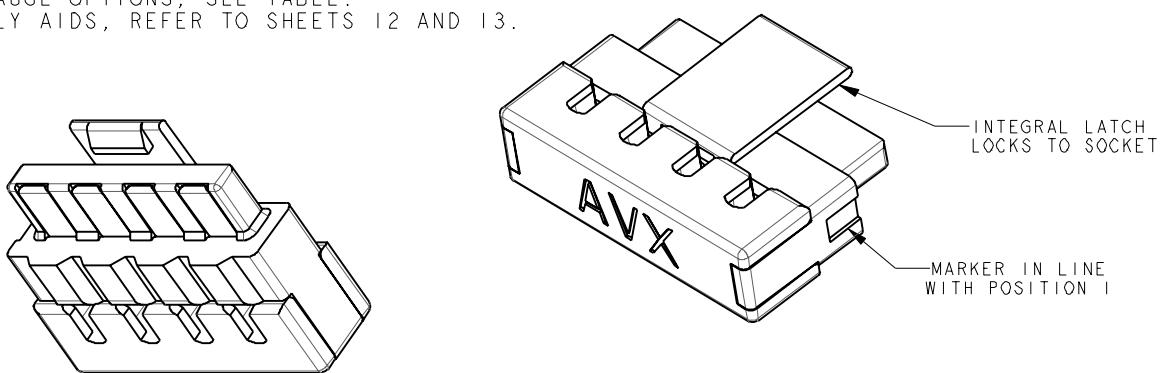
PLUG - WIRED - 4 WAY
THROUGH WIRE CAP



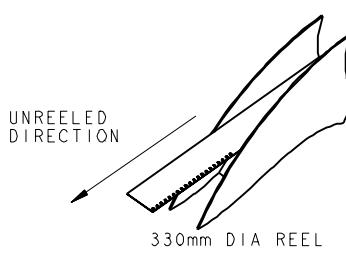
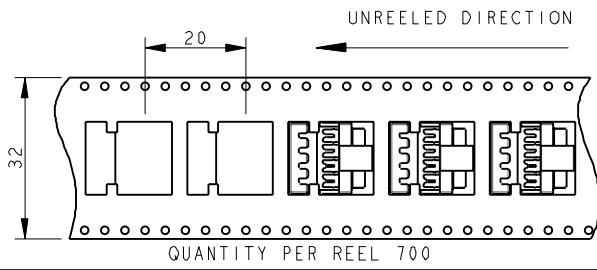
WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	I22	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	I32	0.37	1.10 TO 1.60

NOTES:

1. FOR MORE INFORMATION REFER TO PRODUCT SPEC 201-01-119. FOR WIRE ASSEMBLY REFER TO APPLICATION NOTES 201-01-123.
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6. CONTACT MATERIAL :- COPPER ALLOY, PLATING NICKEL BASE ALL OVER, GOLD ON CONTACT, TIN ON IDC.
7. PACKING IN TAPE AND REEL. QTY PER REEL 700, POCKET CONTAINS 1 CONNECTOR AND 1 CAP.
8. WIRE GAUGE OPTIONS, SEE TABLE.
9. ASSEMBLY AIDS, REFER TO SHEETS I2 AND I3.



PACKING DETAILS
CAP AND CONNECTOR SUPPLIED TOGETHER (2 PARTS)



SHEET 4 OF 14



3rd ANGLE
 ALL DIMENSIONS
 IN MILLIMETRES

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 Size
 CV

Description
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 Part Number
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Date
 01-July-11
 Issue
 3

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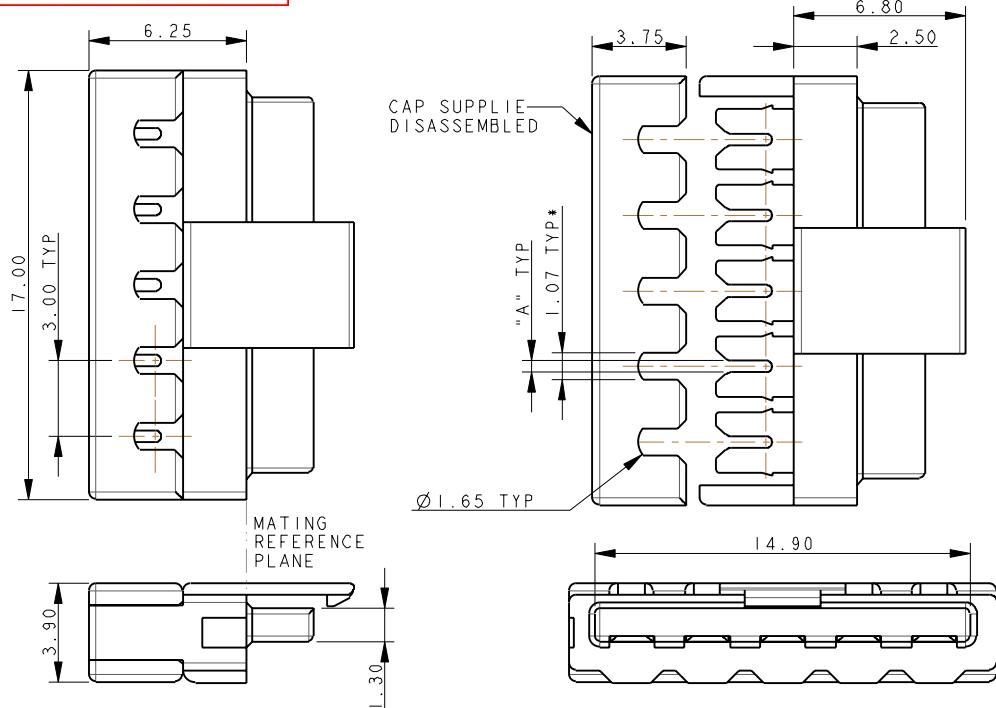
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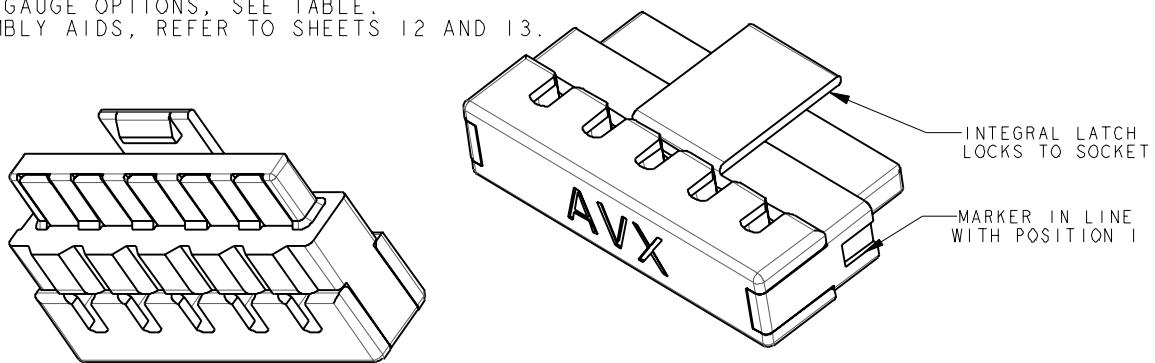
PLUG - WIRED - 5 WAY
THROUGH WIRE CAP



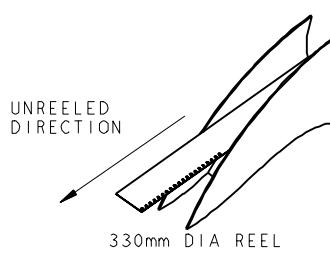
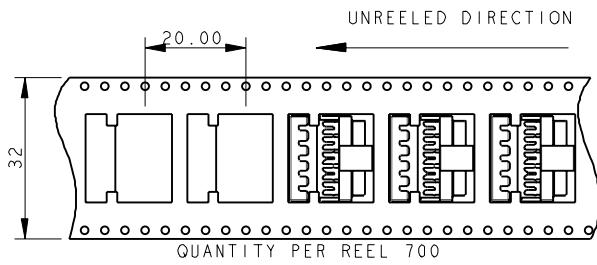
WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

NOTES:

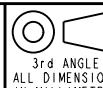
1. FOR MORE INFORMATION REFER TO PRODUCT SPEC 201-01-119. FOR WIRE ASSEMBLY REFER TO APPLICATION NOTES 201-01-123.
2. THROUGH WIRE CAP, FOR TERMINATION OF WIRE IN ANY POSITION.
3. CAP ACTS AS WIRE ASSEMBLY TOOL. *WIRE PREFIT TO CAP, NARROW SLOT TO GRIP WIRE. PERMANENT ASSEMBLY.
4. GENERAL TOLERANCE ±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



PACKING DETAILS
CAP AND CONNECTOR SUPPLIED TOGETHER (2 PARTS)



SHEET 5 OF 14



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Description
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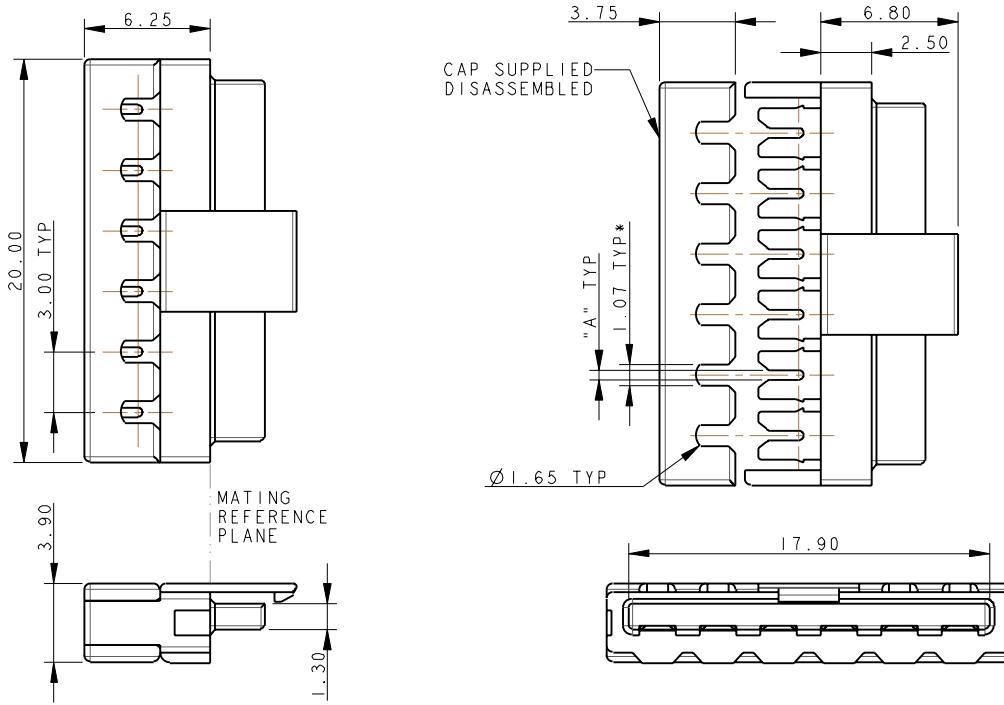
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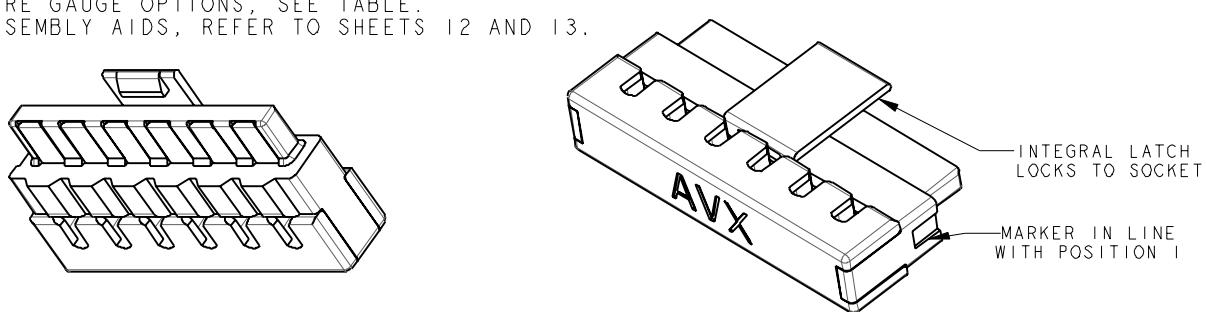
PLUG - WIRED - 6 WAY THROUGH WIRE CAP



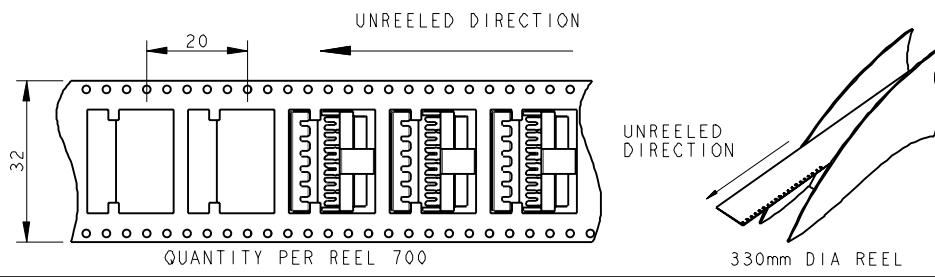
WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
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NOTES:

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8. WIRE GAUGE OPTIONS, SEE TABLE.
9. ASSEMBLY AIDS, REFER TO SHEETS 12 AND 13.



PACKING DETAILS CAP AND CONNECTOR SUPPLIED TOGETHER (2 PARTS)



**RoHS
COMPLIANT**

SHEET 6 OF 14



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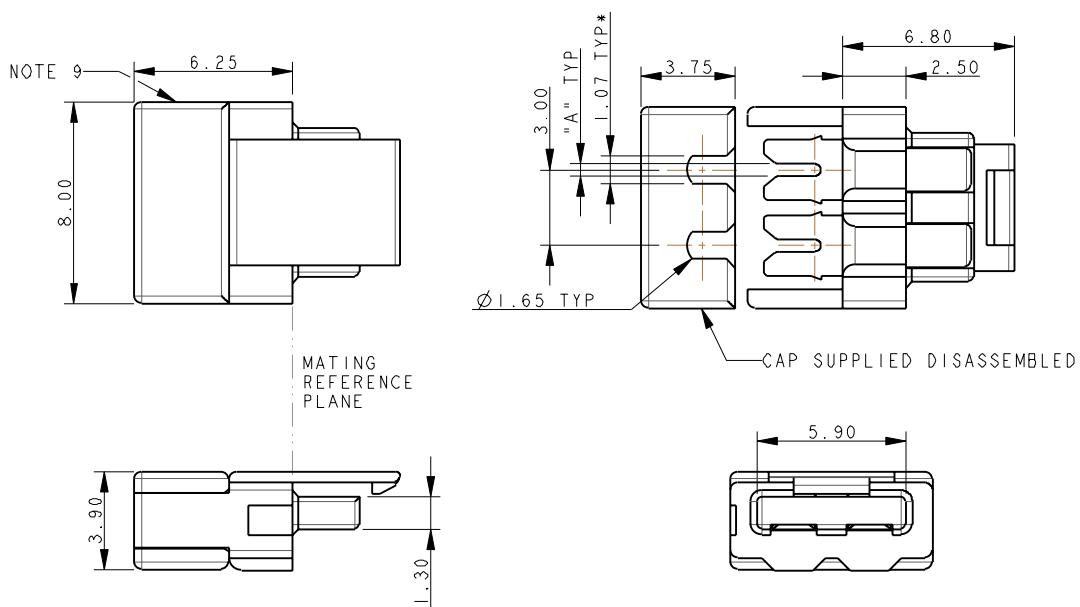
Drawn
N.C.H.
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Description
9159 TWO PART - ORDERING CODE
Part Number
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DATE
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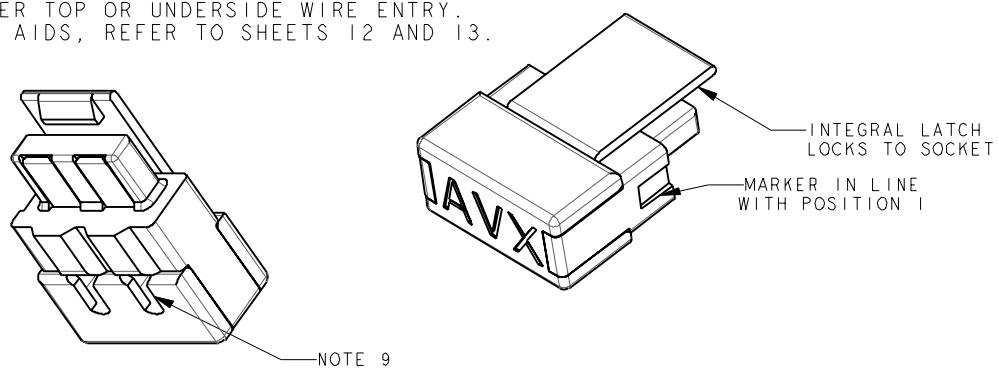
**PLUG - WIRED - 2 WAY
WIRE STOP CAP**



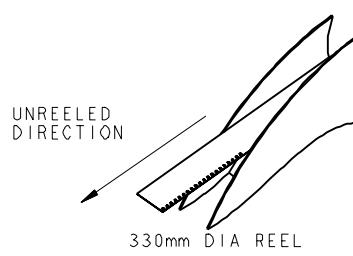
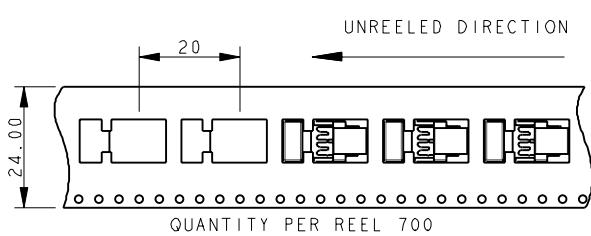
WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

NOTES:

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



**PACKING DETAILS
CAP AND CONNECTOR SUPPLIED TOGETHER (2 PARTS)**



SHEET 7 OF 14



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Description
9159 TWO PART - ORDERING CODE

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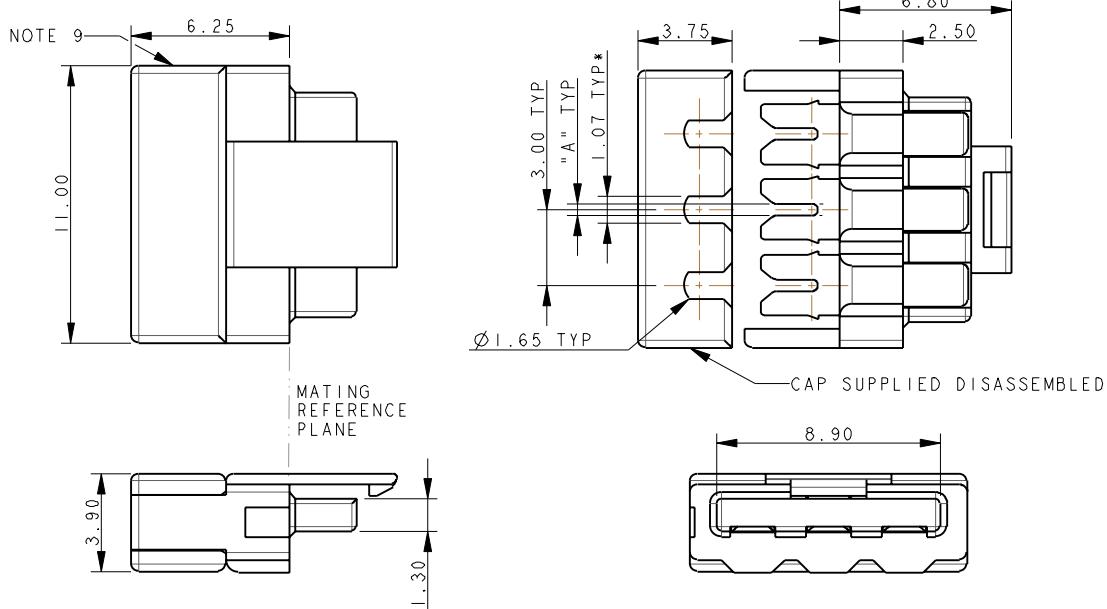
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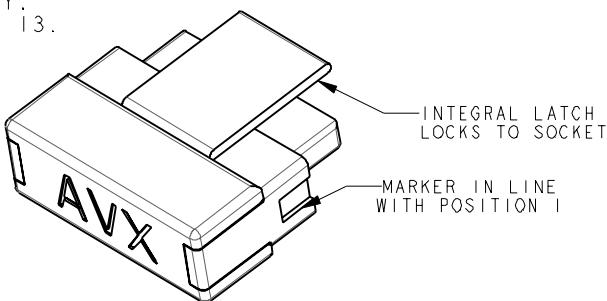
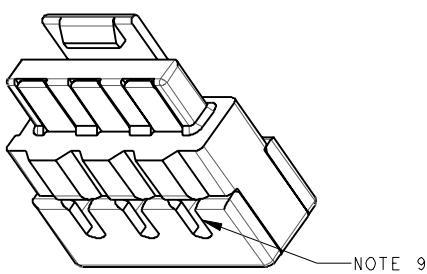
PLUG - WIRED - 3 WAY
WIRE STOP CAP



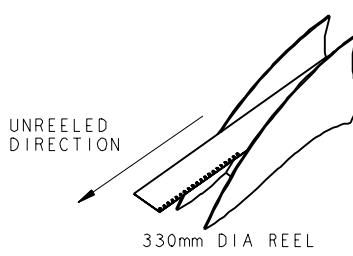
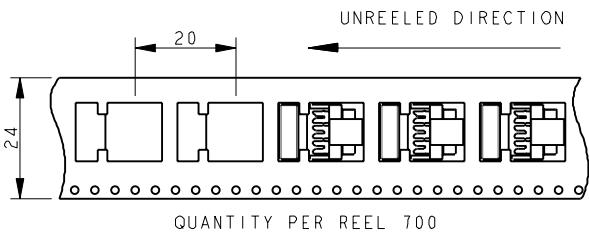
WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
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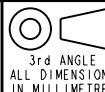
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2. WIRE STOP CAP, WITH STOP FACE ON ONE SIDE TO PROTECT END OF WIRE.
3. CAP ACTS AS WIRE ASSEMBLY TOOL. *WIRE PREFIT TO CAP, NARROW SLOT TO GRIP WIRE. PERMANENT ASSEMBLY.
4. GENERAL TOLERANCE ± 0.20 UNLESS SPECIFIED..
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8. WIRE GAUGE OPTIONS, SEE TABLE.
9. SHOWN WITH WIRE ENTRY FROM UNDERSIDE, CAP CAN BE ASSEMBLED FOR EITHER TOP OR UNDERSIDE WIRE ENTRY.
10. ASSEMBLY AIDS, REFER TO SHEETS 12 AND 13.



PACKING DETAILS
CAP AND CONNECTOR SUPPLIED TOGETHER (2 PARTS)



SHEET 8 OF 14



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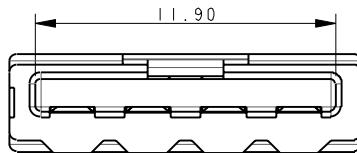
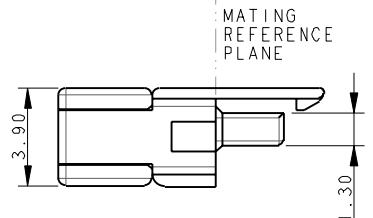
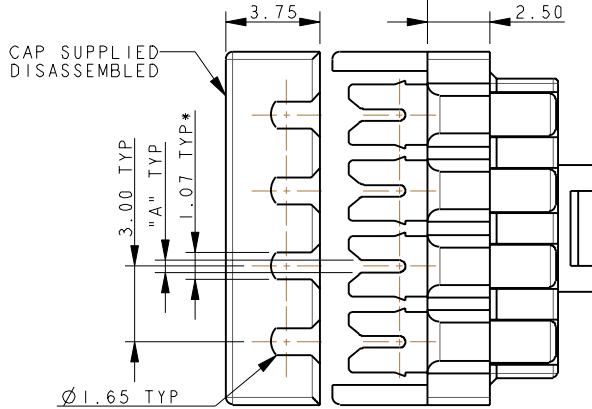
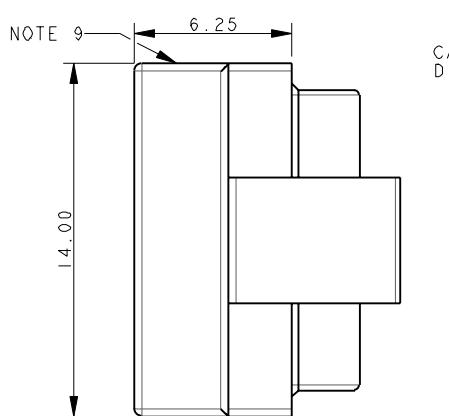
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PLUG - WIRED - 4 WAY
WIRE STOP CAP

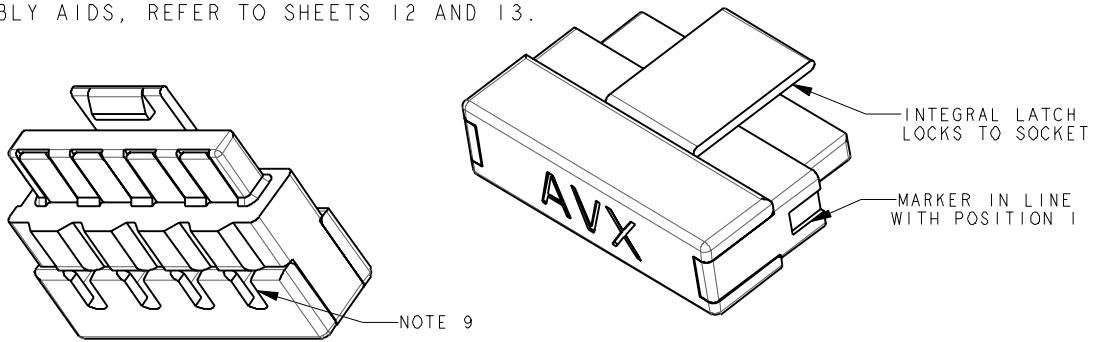
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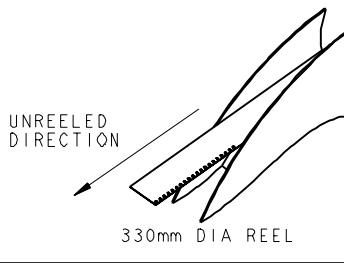
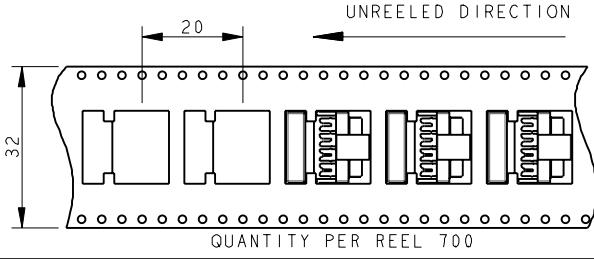
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2. WIRE STOP CAP, WITH STOP FACE ON ONE SIDE TO PROTECT END OF WIRE.
3. CAP ACTS AS WIRE ASSEMBLY TOOL. *WIRE PREFIT TO CAP, NARROW SLOT TO GRIP WIRE. PERMANENT ASSEMBLY.
4. GENERAL TOLERANCE ± 0.20 UNLESS SPECIFIED.
5. INSULATOR MATERIAL :- NYLON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



PACKING DETAILS
CAP AND CONNECTOR SUPPLIED TOGETHER (2 PARTS)



SHEET 9 OF 14

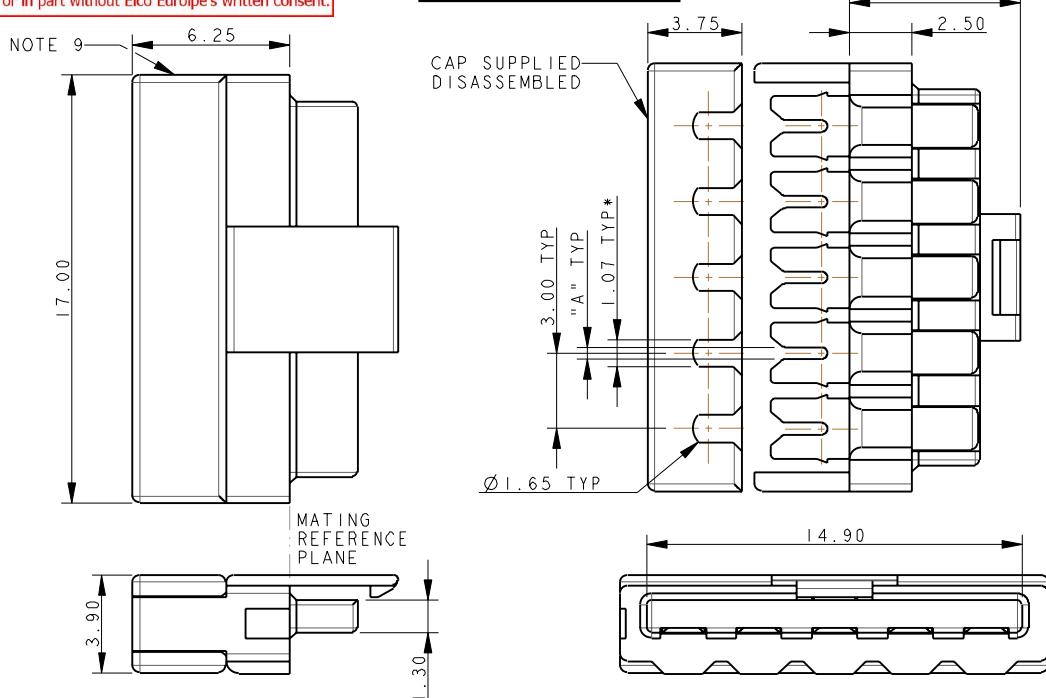
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N.C.H.
Size
CVDescription
9159 TWO PART - ORDERING CODE
Part Number
14-9159-01_100SDATE
01-July-11
Issue
3

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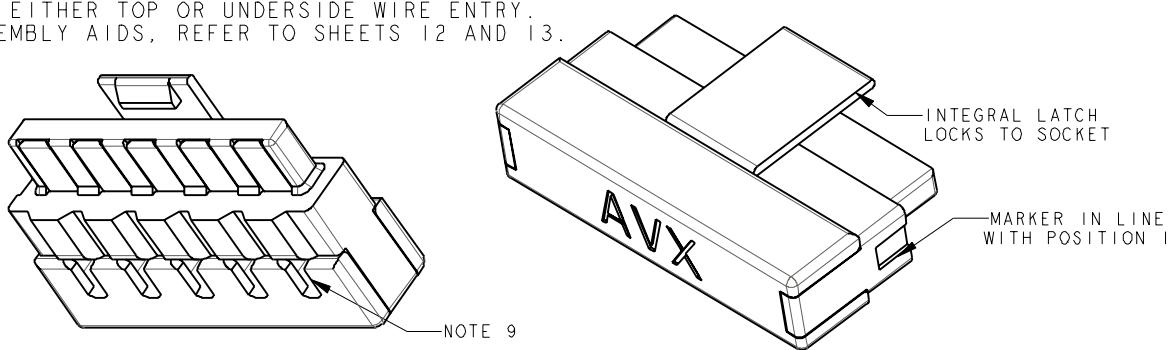
PLUG - WIRED - 5 WAY WIRE STOP CAP



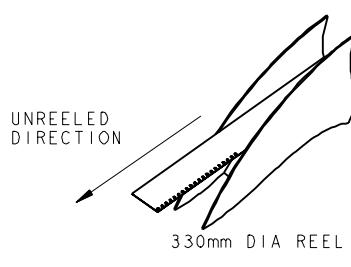
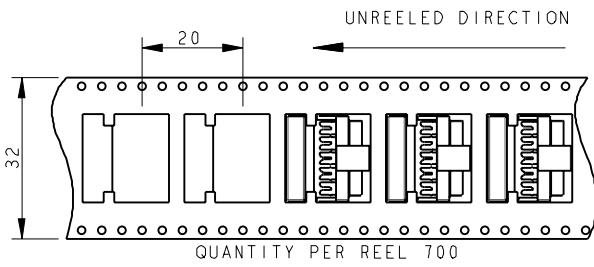
WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

NOTES:

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



PACKING DETAILS CAP AND CONNECTOR SUPPLIED TOGETHER (2 PARTS)



SHEET 10 OF 14



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Drawn
N.C.H.
Size
CV

Description
9159 TWO PART - ORDERING CODE
Part Number
14-9159-01_100S

DATE
01-July-11
Issue
3

A

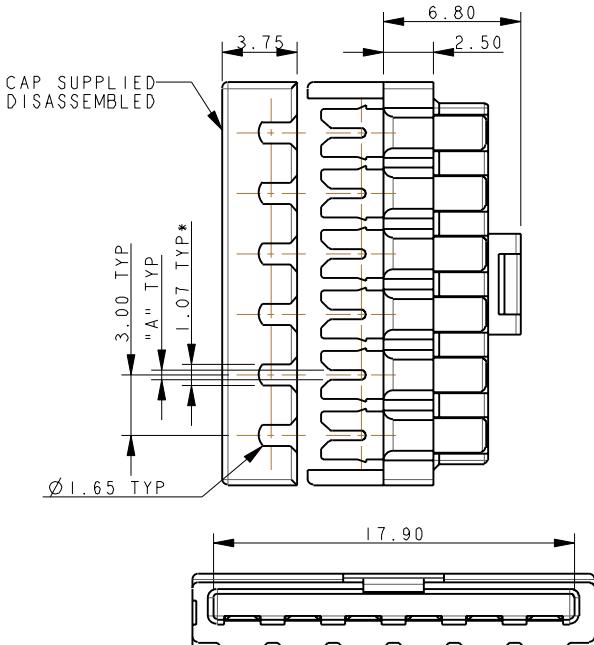
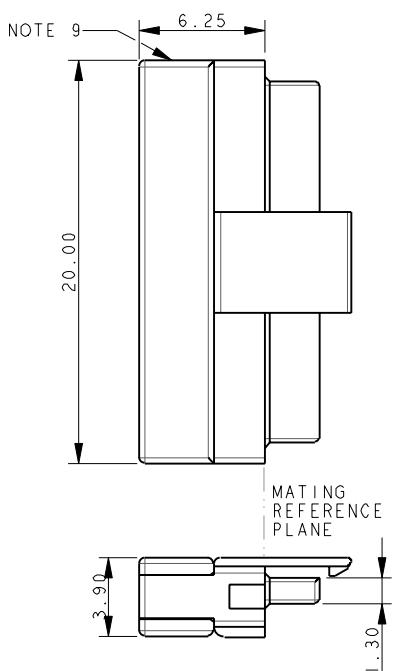
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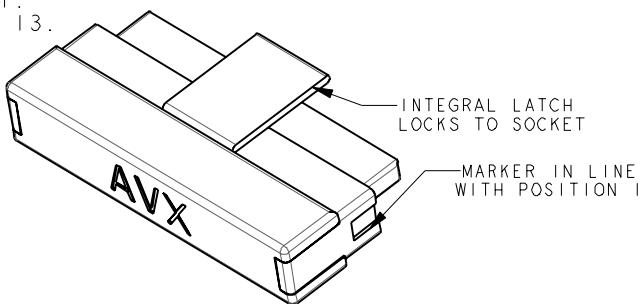
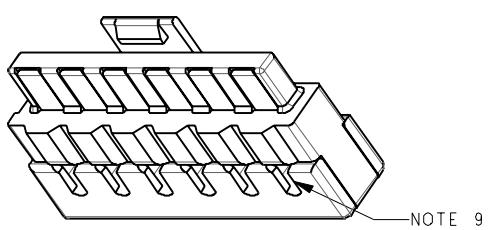
PLUG - WIRED - 6 WAY
WIRE STOP CAP



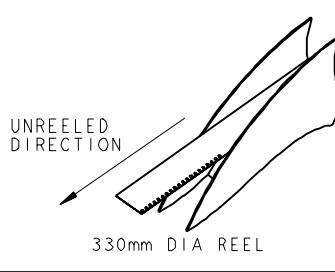
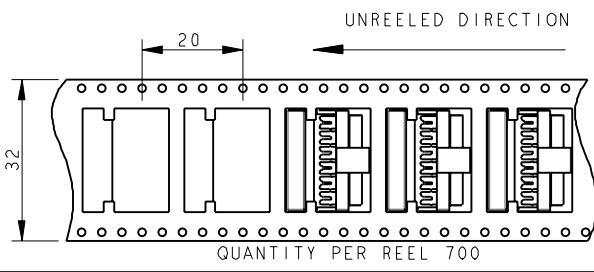
WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

NOTES:

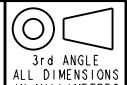
1. FOR MORE INFORMATION REFER TO PRODUCT SPEC 201-01-119. FOR WIRE ASSEMBLY REFER TO APPLICATION NOTES 201-01-123.
2. WIRE STOP CAP, WITH STOP FACE ON ONE SIDE TO PROTECT END OF WIRE.
3. CAP ACTS AS WIRE ASSEMBLY TOOL. *WIRE PREFIT TO CAP, NARROW SLOT TO GRIP WIRE. PERMANENT ASSEMBLY.
4. GENERAL TOLERANCE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



PACKING DETAILS
CAP AND CONNECTOR SUPPLIED TOGETHER (2 PARTS)



SHEET 11 OF 14



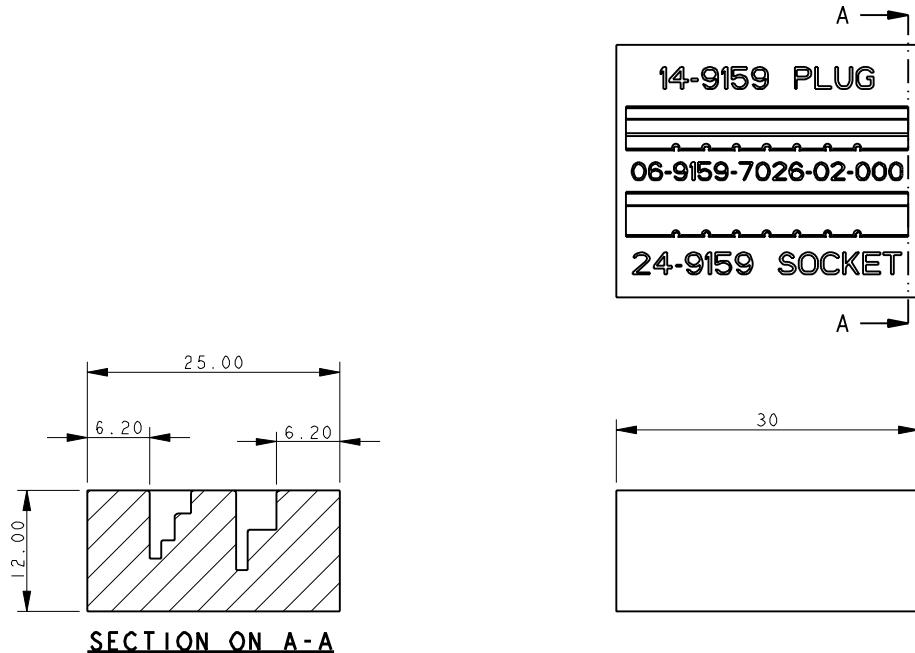
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Drawn N.C.H.	Description 9159 TWO PART - ORDERING CODE	Date 01-July-11
Size CV	Part Number 14-9159-01_100S	Issue 3

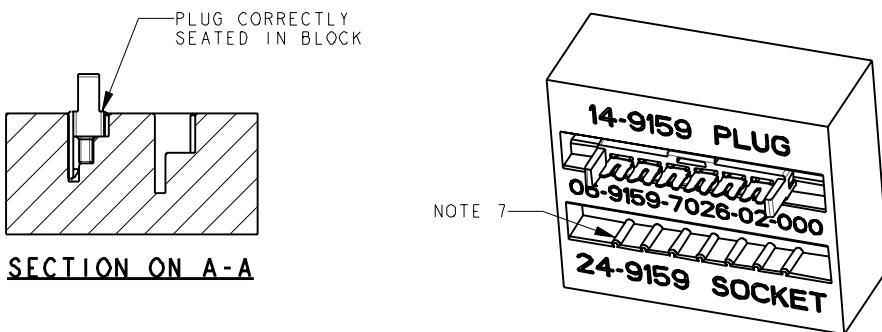
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PLUG - WIRED - ASSEMBLY SUPPORT BLOCK



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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 THE 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 A SIMPLE FLAT BOTTOMED TOOL REQUIRED TO PUSH THE 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.



**RoHS
COMPLIANT**

SHEET 12 OF 14

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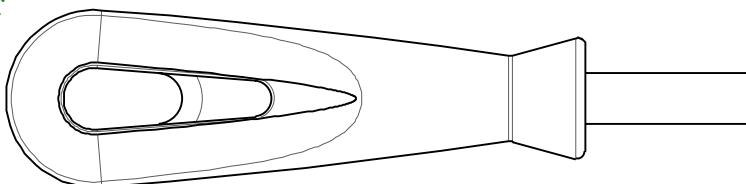
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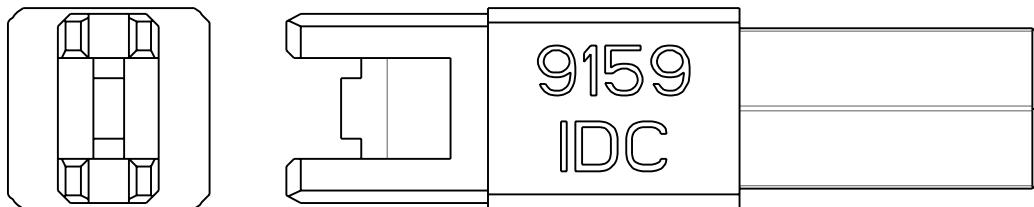
B



PLUG - WIRED - WIRE INSERTION TOOL

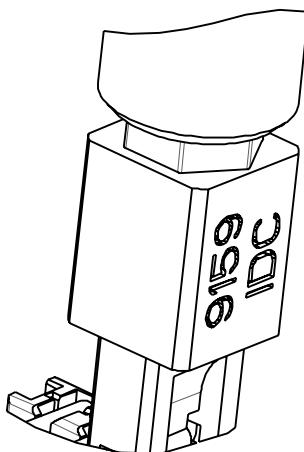


UNIVERSAL HANDLE 06-7000-7730-01-000



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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FORM 106-01-056-6 ISS 7

Release No.
 History
 102864
 23.01.2012
 102862
 13.03.2012



3rd ANGLE
 ALL DIMENSIONS
 IN MILLIMETRES

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N.C.H.

Description

9159 IDC CONNECTOR - WIRE INSERTION

DATE

19-Jan-12

Size

CV

Part Number

14-9159-01_100S

Issue

3

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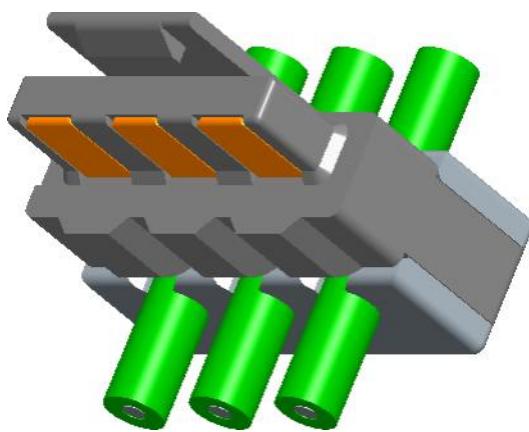
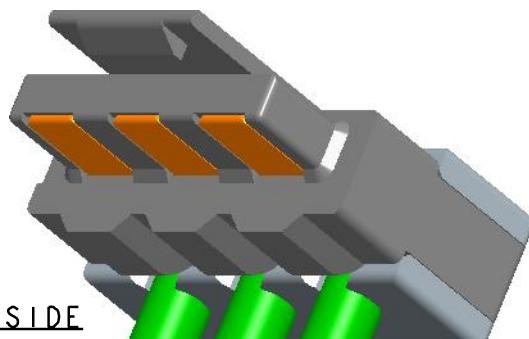
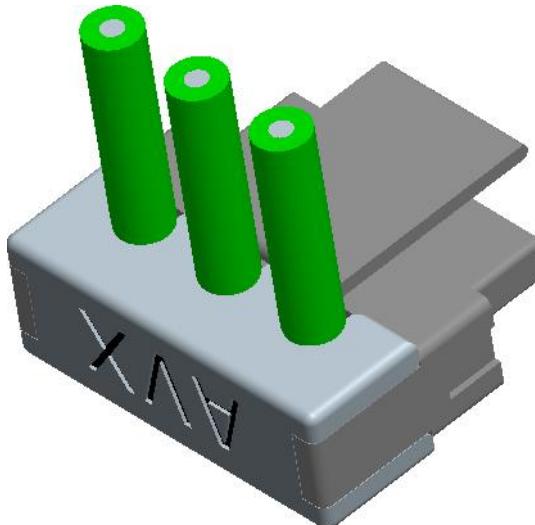
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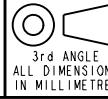
PLUG - WIRED - ASSEMBLY

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PLUG - WIRED - ASSEMBLY
THROUGH WIREPLUG - WIRED - ASSEMBLY
WIRE STOP - WIRE ENTRY UNDERSIDEPLUG - WIRED - ASSEMBLY
WIRE STOP - WIRE ENTRY TOP

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FORM 106-01-056-6 ISS 7

Release No.
 History
 10/2/25
 21/07/2011
 25/08/2011
 05/12/2011
 09/01/2012
 10/28/44
 23/01/2012
 10/28/62
 13/03/2012
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N.C.H.Description
9159 TWO PART - ORDERING CODEDATE
01-July-11Size
CVPart Number
14-9159-01_100SIssue
3

A

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AMEYA360

Components Supply Platform

Authorized Distribution Brand :



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