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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	Ø 1.10mm TO Ø 1.60mm

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 TREMINATED AT ANY POINT
9	WIRE STOP	TERMINATES END OF WIRE END PROTECTED WITH STOP FACE

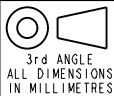
PLATING OPTION

CODE	CONTACT
6	GOLD ON CONTACT, TIN ON IDC

SHEET 1 OF 14

FORM-106-01-056-6 ISS 7

Release No.
102725
History
21.07.2011
25.08.2011
05.12.2011
09.01.2012
102844
23.01.2012
102862
13.03.2012



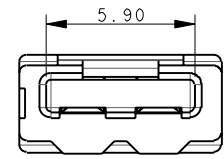
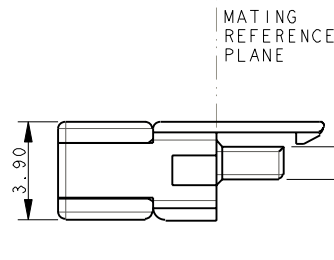
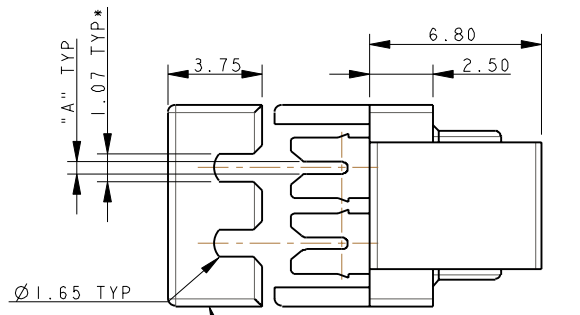
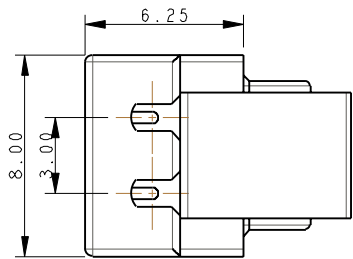
Drawn
N.C.H.
Size
CV

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

DATE
01-July-11
Issue
3

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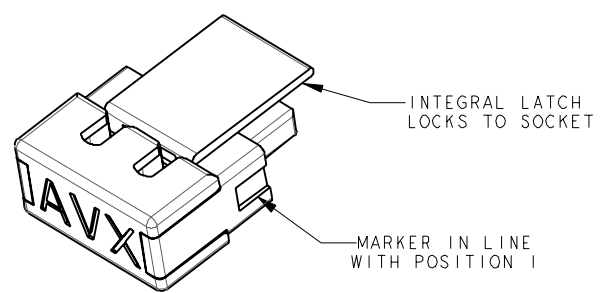
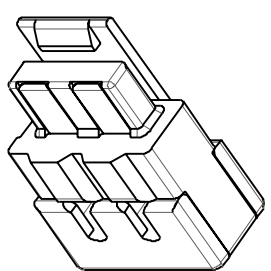
PLUG - WIRED - 2 WAY THROUGH WIRE CAP



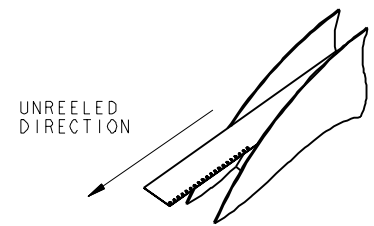
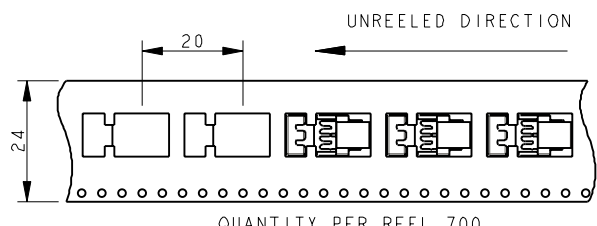
WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

NOTES:

- 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.



PACKING DETAILS CAP AND CONNECTOR SUPPLIED TOGETHER (2 PARTS)



FORM-106-01-056-6 ISS 7

Release No. 102725	History 21.07.2011 25.08.2011 05.12.2011 09.01.2012 102844 23.01.2012 102862 13.03.2012
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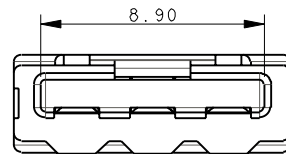
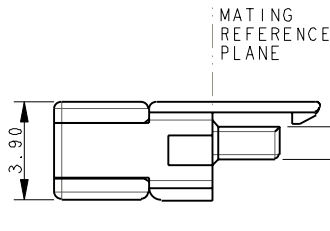
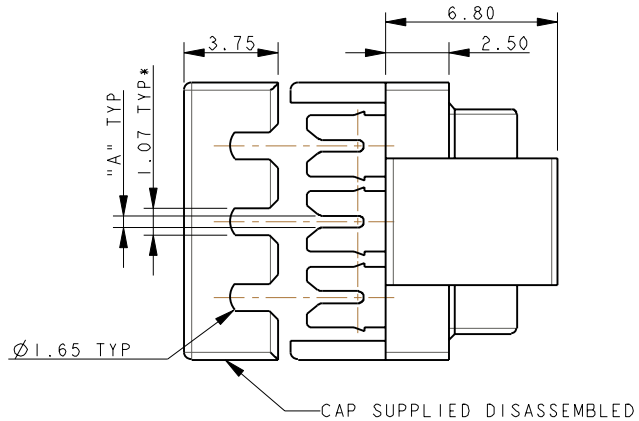
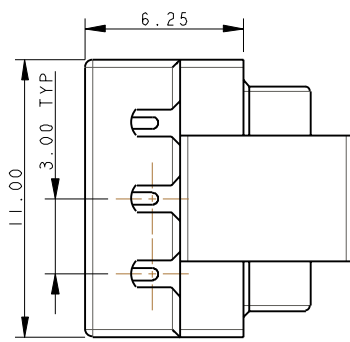
Drawn N.C.H.	Description 9159 TWO PART - ORDERING CODE
Size CV	Part Number 14-9159-01_100S

DATE 01-July-11	Issue 3
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SHEET 2 OF 14

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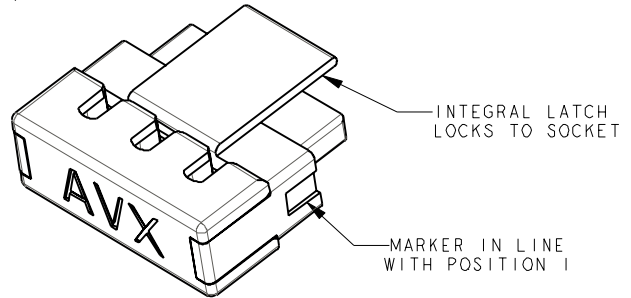
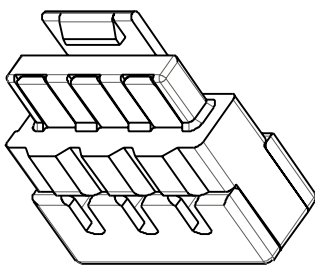
PLUG - WIRED - 3 WAY THROUGH WIRE CAP



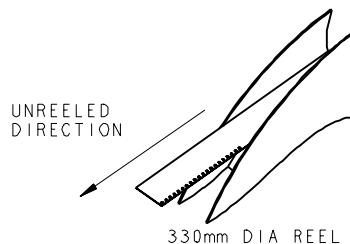
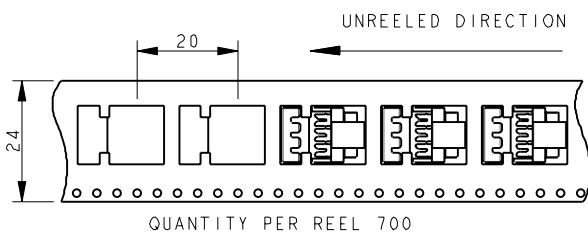
WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

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.

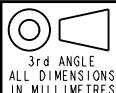


PACKING DETAILS CAP AND CONNECTOR SUPPLIED TOGETHER (TWO PARTS)



FORM-106-01-036-6 ISS 7

Release No.
 History
 102725
 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

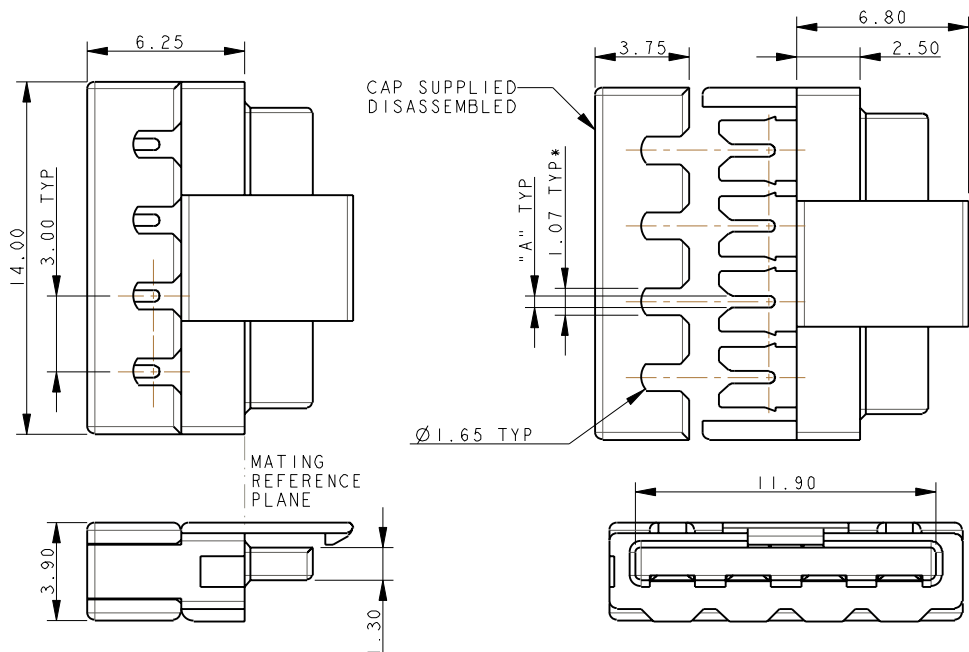
Description
 9159 TWO PART - ORDERING CODE
 Part Number
 14-9159-01_100S

DATE
 01-July-11
 Issue
 3

SHEET 3 OF 14

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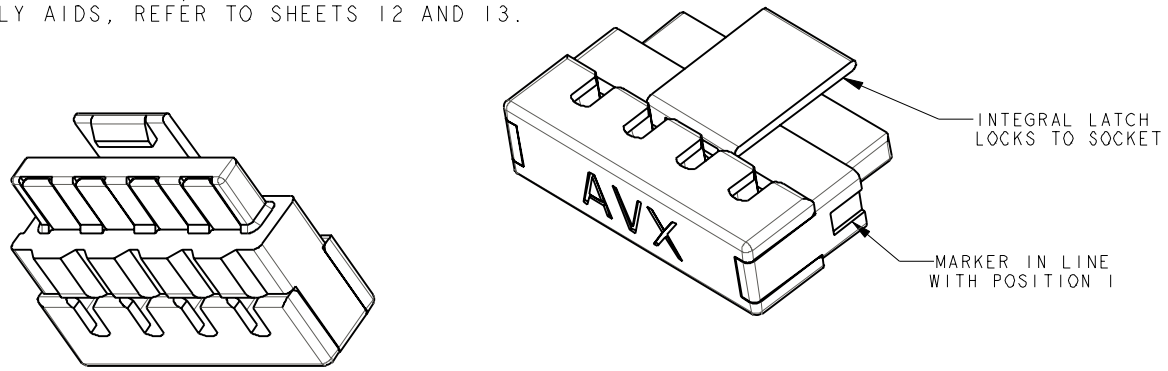
**PLUG - WIRED - 4 WAY
 THROUGH WIRE CAP**



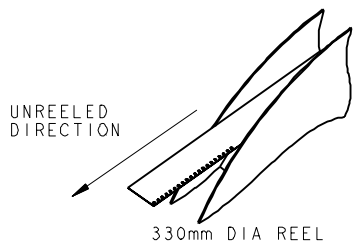
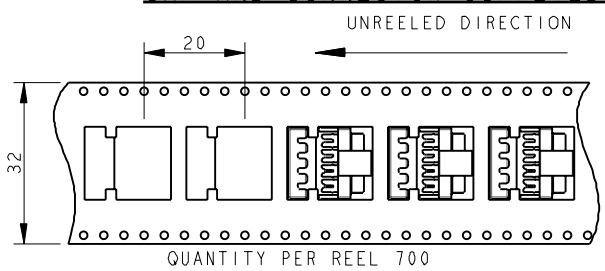
WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

NOTES:

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- 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.



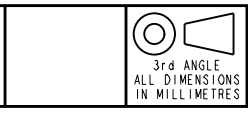
**PACKING DETAILS
 CAP AND CONNECTOR SUPPLIED TOGETHER (2 PARTS)**



SHEET 4 OF 14

FORM-106-01-056-6 ISS 7

Release No.	102725
History	21.07.2011
	25.08.2011
	05.12.2011
	09.01.2012
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	23.01.2012
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	13.03.2012



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Drawn
 N.C.H.
 Size
 CV

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

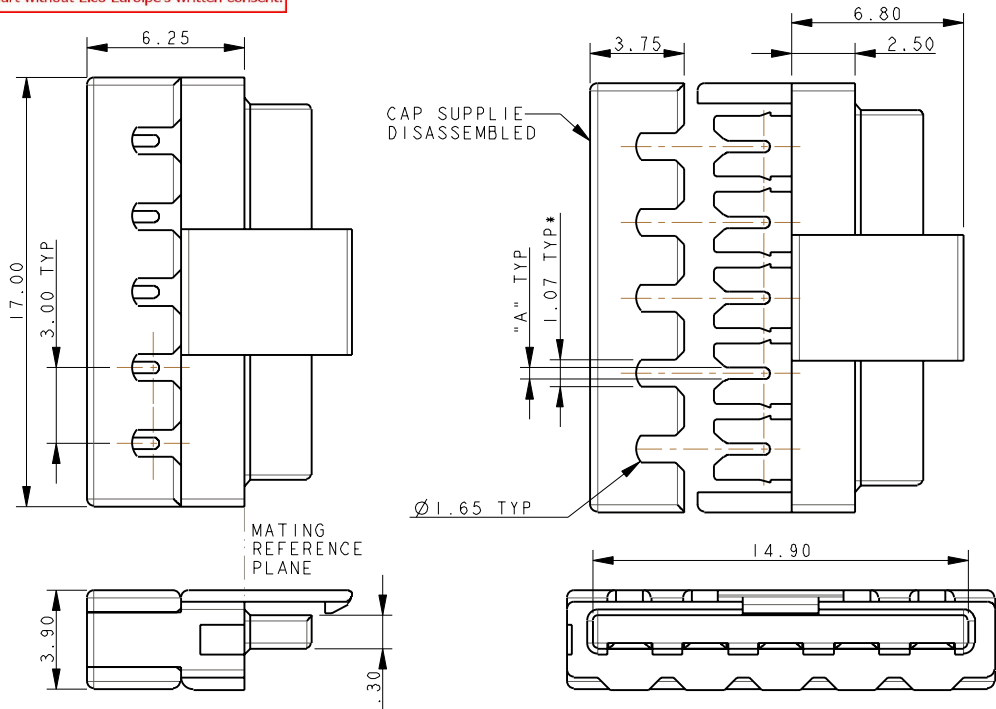
DATE
 01-July-11
 Issue
 3

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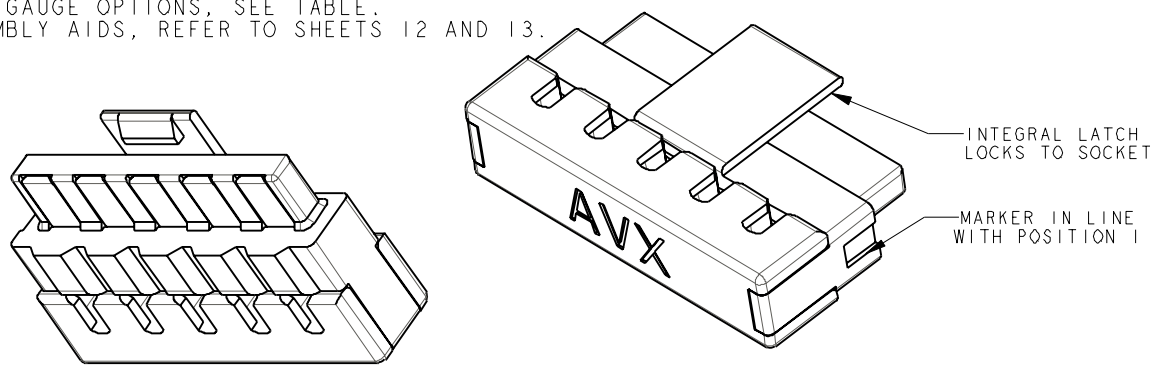
**PLUG - WIRED - 5 WAY
 THROUGH WIRE CAP**



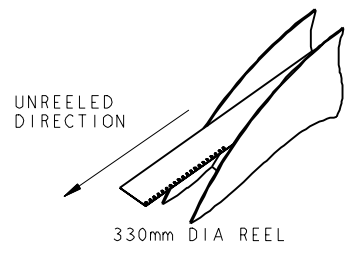
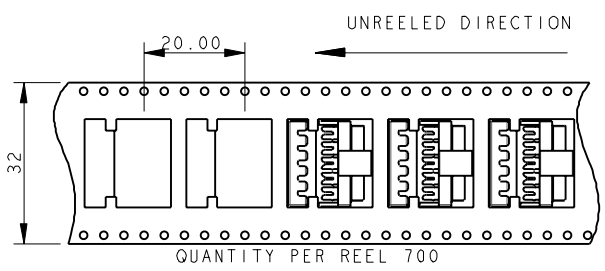
WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
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NOTES:

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.



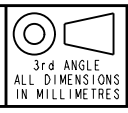
**PACKING DETAILS
 CAP AND CONNECTOR SUPPLIED TOGETHER (2 PARTS)**



SHEET 5 OF 14

FORM-106-01-056-6 ISS 7

Release No.	102725
History	21.07.2011
	25.08.2011
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	102862
	13.03.2012



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Drawn	N.C.H.
Size	CV

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

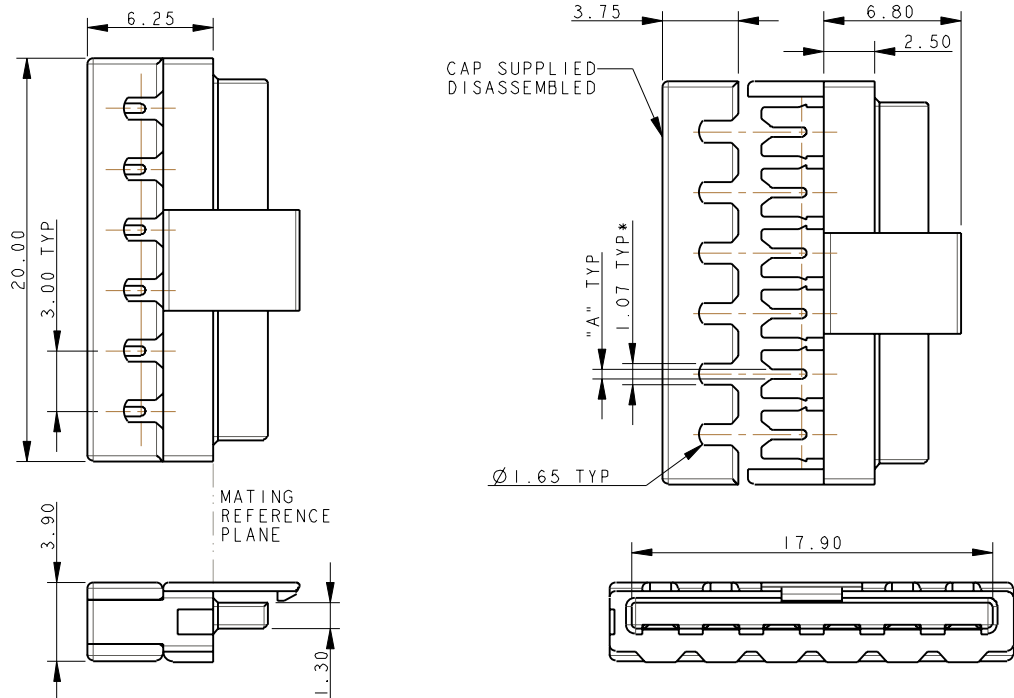
DATE	01-July-11
Issue	3

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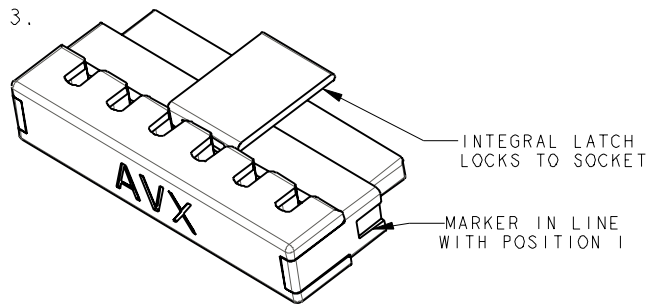
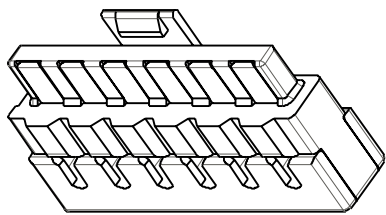
PLUG - WIRED - 6 WAY THROUGH WIRE CAP



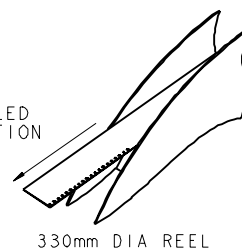
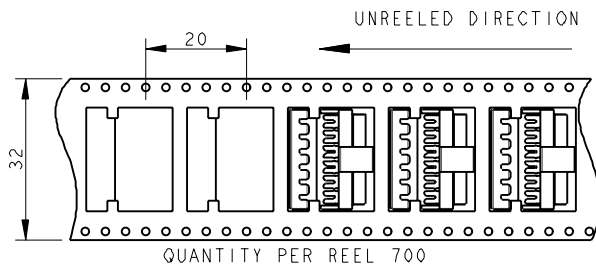
WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
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- THROUGH WIRE CAP, FOR TERMINATION OF WIRE IN ANY POSITION.
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- PACKING IN TAPE AND REEL. QTY PER REEL 700, POCKET CONTAINS 1 CONNECTOR AND 1 CAP.
- WIRE GAUGE OPTIONS, SEE TABLE.
- ASSEMBLY AIDS, REFER TO SHEETS 12 AND 13.



PACKING DETAILS CAP AND CONNECTOR SUPPLIED TOGETHER (2 PARTS)



SHEET 6 OF 14

FORM-106-01-056-6 ISS 7

Release No.	102725
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	25.08.2011
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Drawn	N.C.H.
Size	CV

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

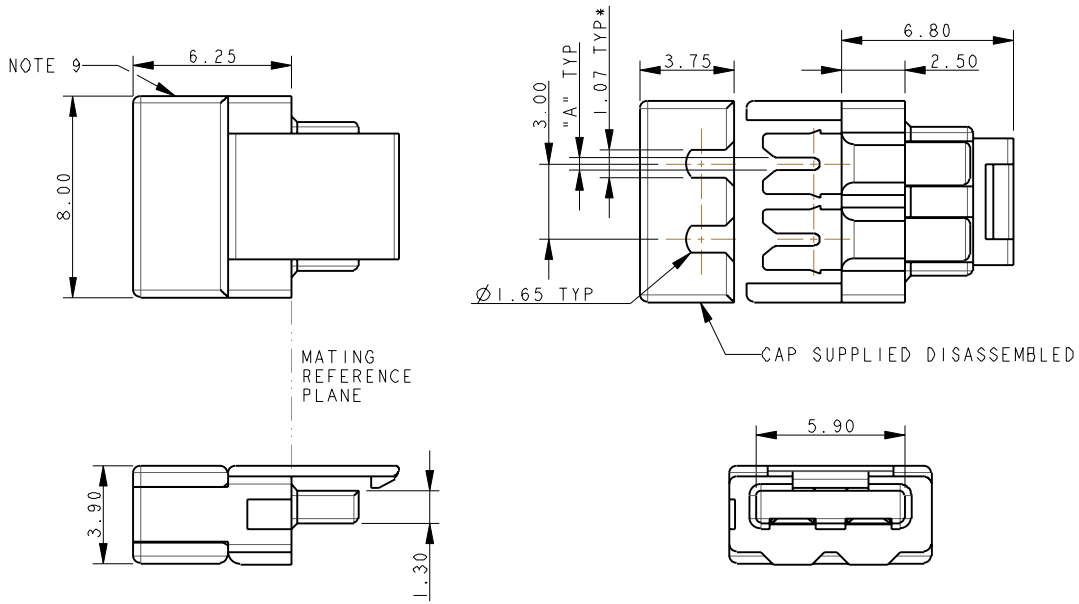
DATE	01-July-11
Issue	3

A

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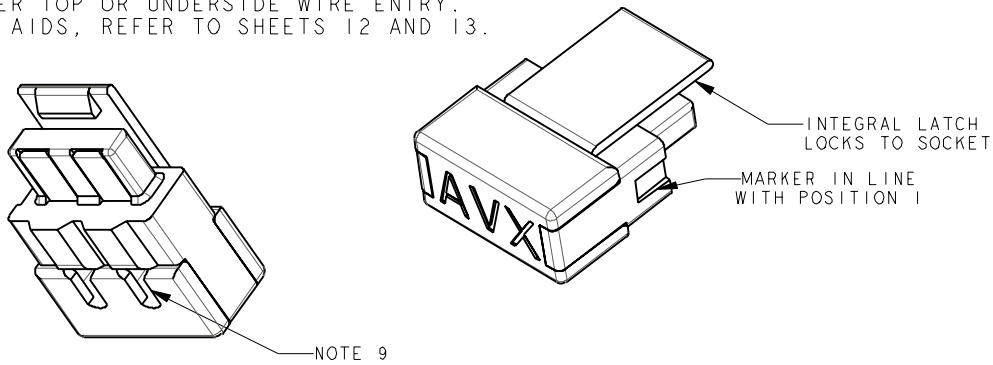
**PLUG - WIRED - 2 WAY
 WIRE STOP CAP**



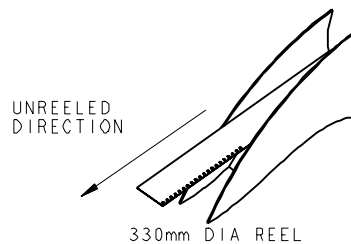
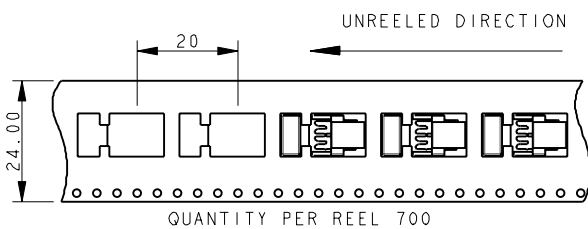
WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

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.



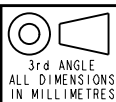
**PACKING DETAILS
 CAP AND CONNECTOR SUPPLIED TOGETHER (2 PARTS)**



SHEET 7 OF 14

FORM-106-01-056-6 ISS 7

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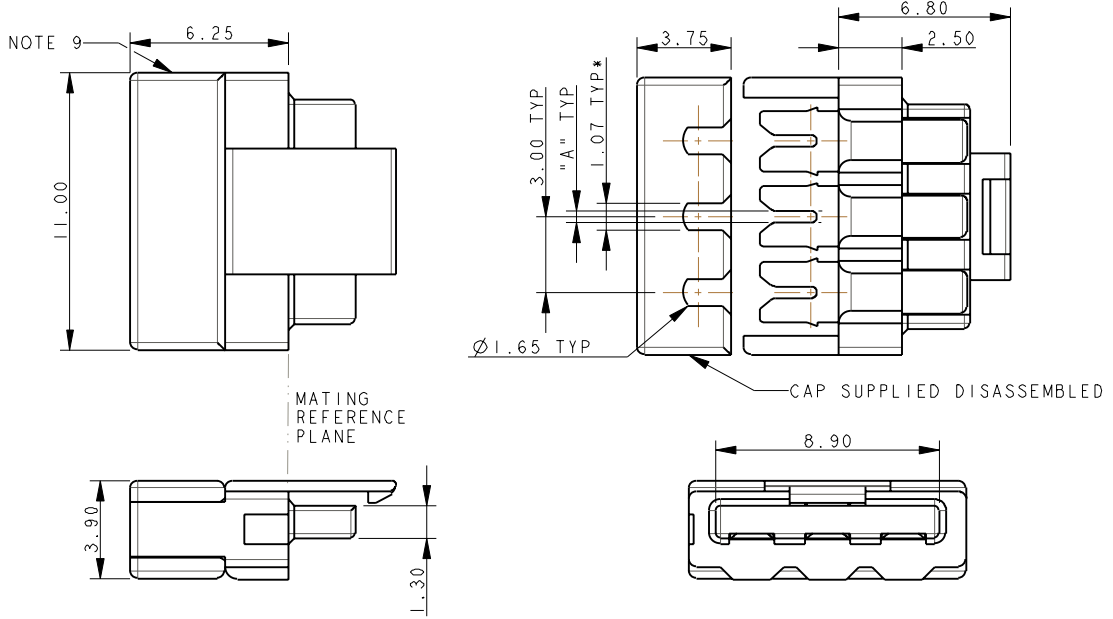
Drawn
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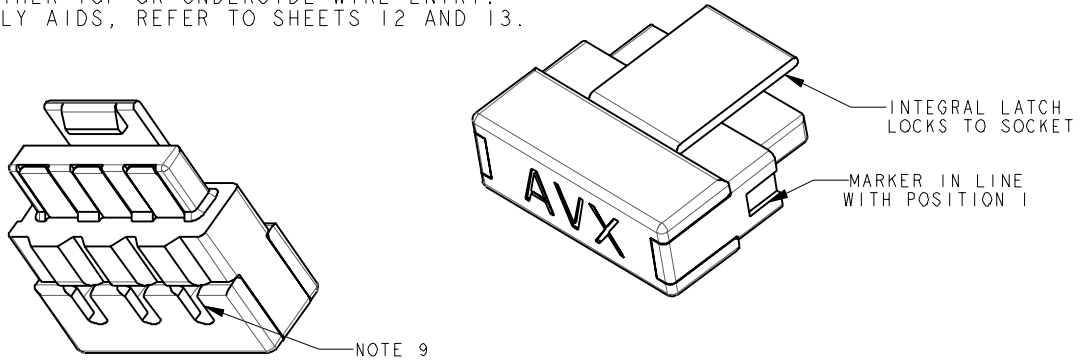
**PLUG - WIRED - 3 WAY
 WIRE STOP CAP**



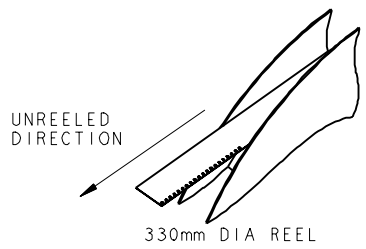
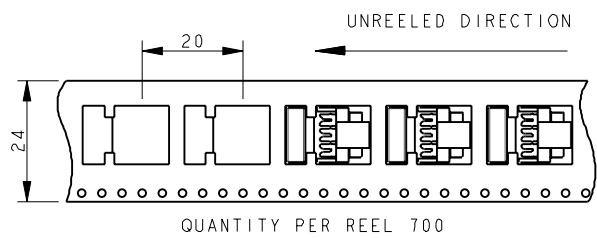
WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

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.



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



SHEET 8 OF 14

FORM-106-01-036-6 ISS 7

Release No.	102725
History	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	14-9159-01_100S

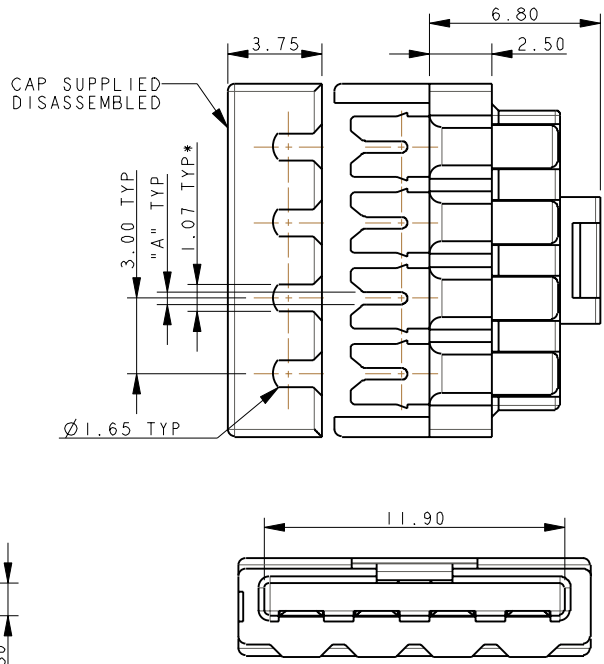
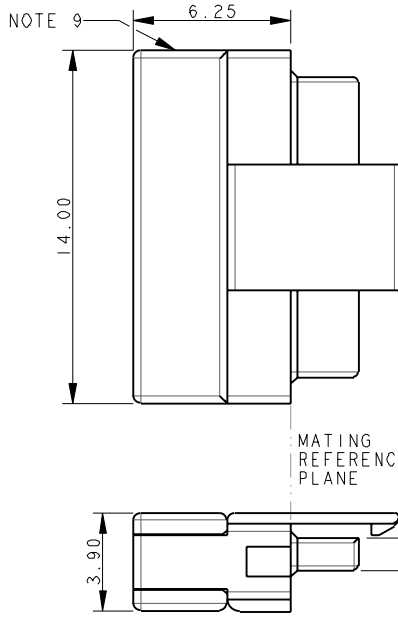
DATE	01-July-11
Issue	3

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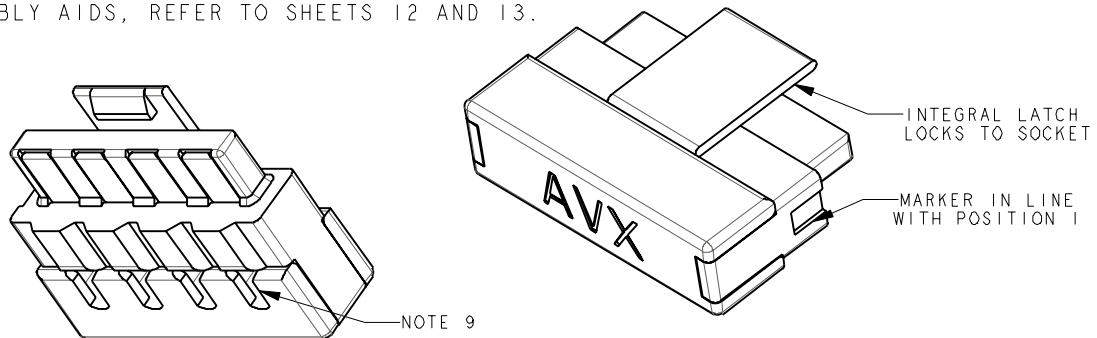
**PLUG - WIRED - 4 WAY
 WIRE STOP CAP**



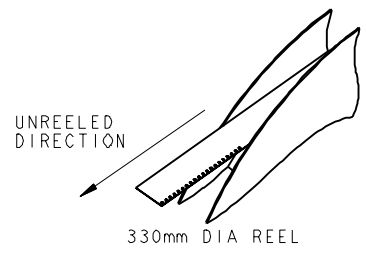
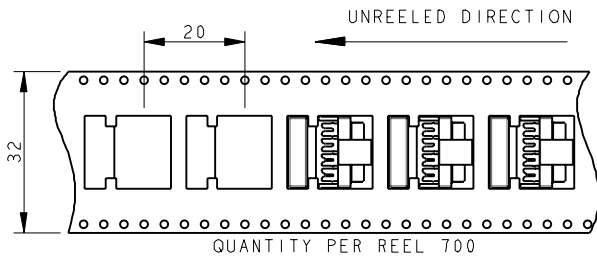
WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

NOTES:

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- 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.
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- 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.



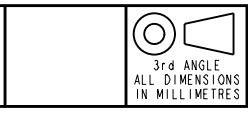
**PACKING DETAILS
 CAP AND CONNECTOR SUPPLIED TOGETHER (2 PARTS)**



SHEET 9 OF 14

FORM-106-01-036-6 ISS 7

Release No.	102725
History	21.07.2011
	25.08.2011
	05.12.2012
	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
 14-9159-01_100S

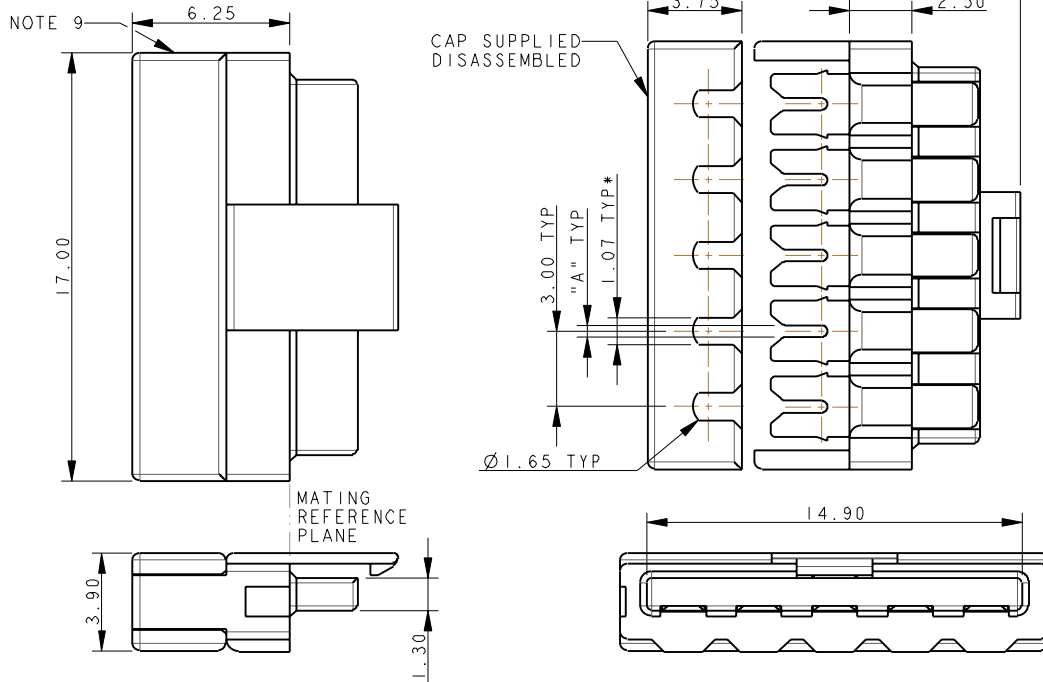
DATE
 01-July-11
 Issue
 3

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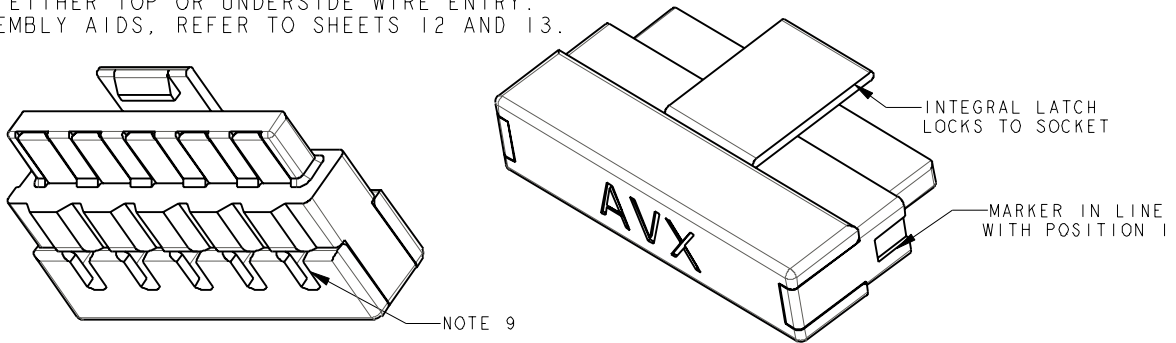
**PLUG - WIRED - 5 WAY
 WIRE STOP CAP**



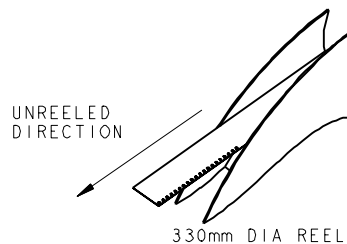
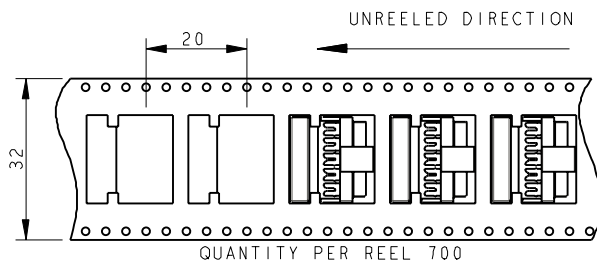
WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

NOTES:

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- INSULATOR MATERIAL :- NYLON 46, GLASS FILLED, UL94 V-0, COLOUR REFER TO SHEET 1.
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- SHOWN WITH WIRE ENTRY FROM UNDERSIDE, CAP CAN BE ASSEMBLED FOR EITHER TOP OR UNDERSIDE WIRE ENTRY.
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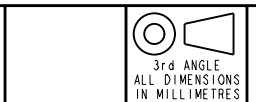
**PACKING DETAILS
 CAP AND CONNECTOR SUPPLIED TOGETHER (2 PARTS)**



SHEET 10 OF 14

FORM-106-01-036-6 ISS 7

Release No.	102725
History	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	14-9159-01_100S

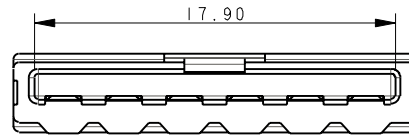
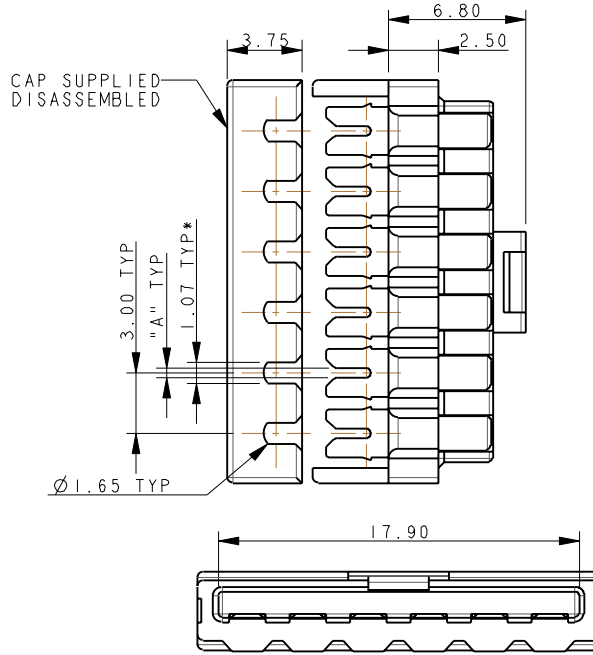
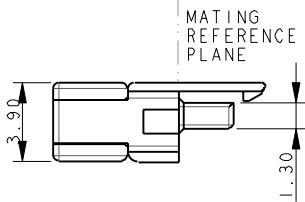
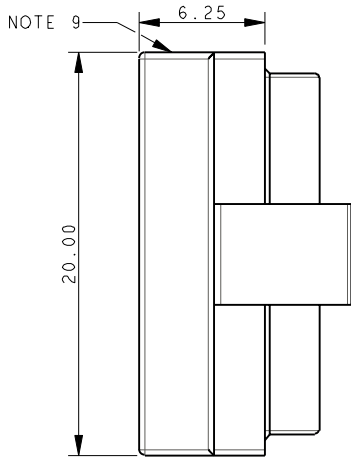
DATE	01-July-11
Issue	3

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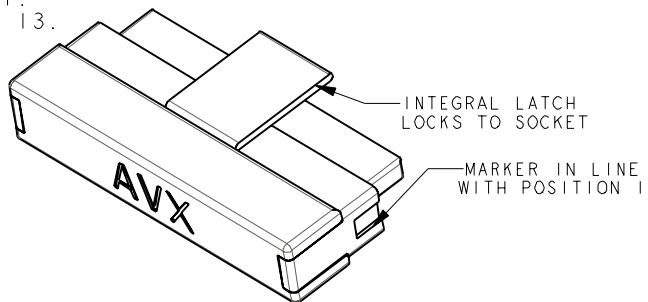
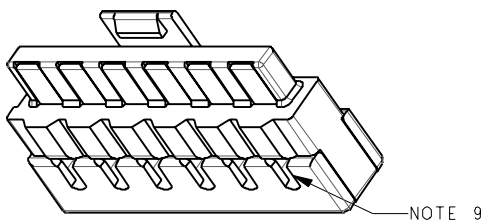
**PLUG - WIRED - 6 WAY
 WIRE STOP CAP**



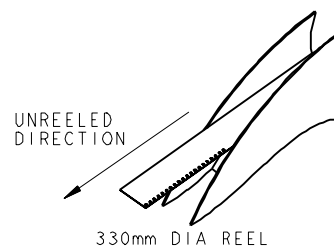
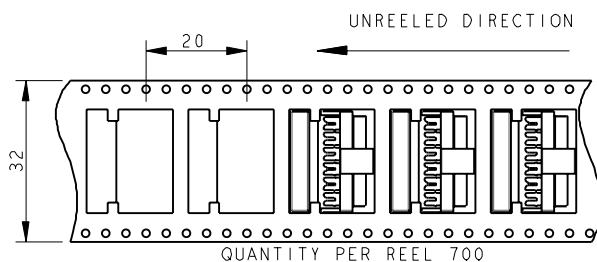
WIRE GAUGE	CODE (SHEET 1)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	1.10 TO 1.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

NOTES:

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- 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.



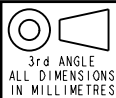
**PACKING DETAILS
 CAP AND CONNECTOR SUPPLIED TOGETHER (2 PARTS)**



SHEET 11 OF 14

FORM-106-01-056-6 ISS 7

Release No.	102725
History	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	14-9159-01_100S

DATE	01-July-11
Issue	3

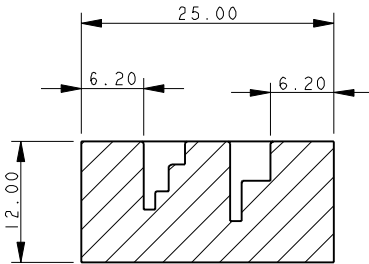
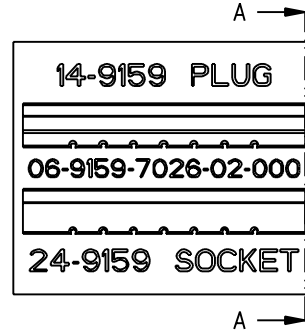
A

B

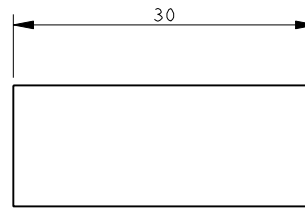
A

B

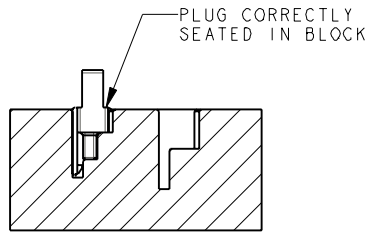
PLUG - WIRED - ASSEMBLY SUPPORT BLOCK



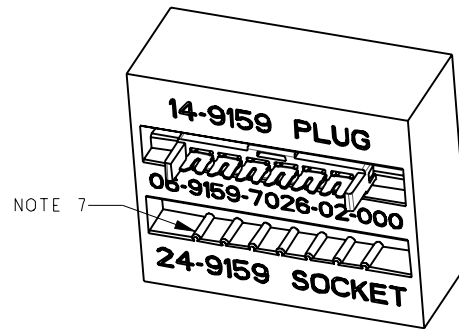
SECTION ON A-A



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SECTION ON A-A



NOTES :-

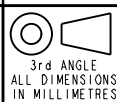
1. BLOCK TO SUPPORT 9159 IDC WIRED CONNECTORS DURING ASSEMBLY OF CAP/WIRE.
2. PART NUMBER 06-9159-7026-01-000, MATERIAL ALUMINIUM.
PART NUMBER 06-9159-7026-02-000, MATERIAL NYLON 46.
3. CAN BE USED WITH EITHER THE PLUG OR SOCKET CONNECTORS, USE THE CORRECT SLOT AS IDENTIFIED.
4. FOR FULL WIRE ASSEMBLY 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.



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SHEET 12 OF 14

Release No.	102725
History	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.	Description	9159 IDC CONNECTOR - ASSEMBLY BLOCK	DATE	11-Jul-11
Size	CV	Part Number	14-9159-01_100S	Issue	3

A

B

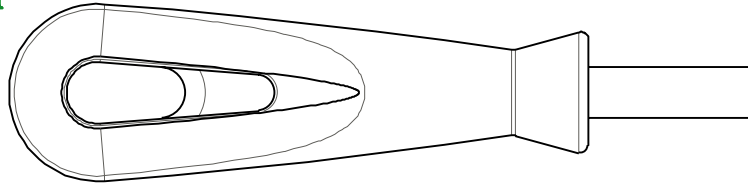
FORM-106-01-036-6 ISS 7

A

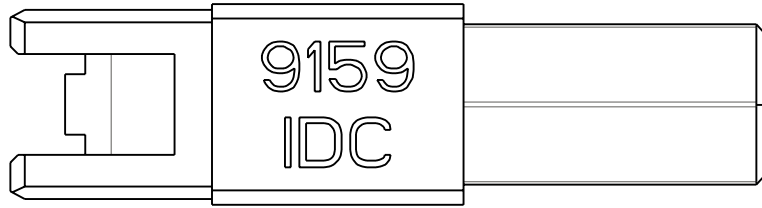
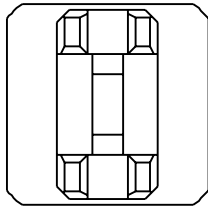
B



PLUG - WIRED - WIRE INSERTION TOOL

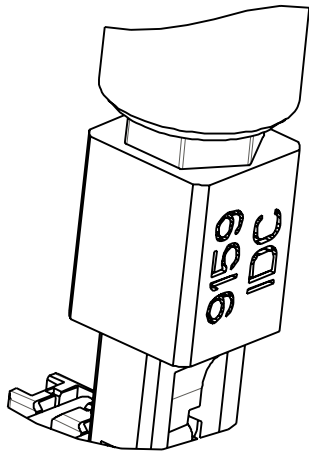


UNIVERSAL HANDLE 06-7000-7730-01-000



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

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NOTES :-

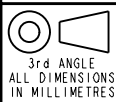
1. TOOL 06-9159-7027-01-000 TO INSERT WIRES INTO CAP.
 2. FOR USE WITH UNIVERSAL HANDLE 06-7000-7730-01-000.
 3. CAN BE USED WITH BOTH THROUGH WIRE AND WIRE STOP CAPS.
2. REFER TO APPLICATION NOTES 201-01-123 FOR FURTHER DETAILS.

FORM-106-01-036-6 ISS 7

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SHEET 13 OF 14

Release No.	
History	
102844	
23.01.2012	
102862	
13.03.2012	



Drawn	N.C.H.
Size	CV

Description	9159 IDC CONNECTOR - WIRE INSERTION
Part Number	14-9159-01_100S

DATE	19-Jan-12
Issue	3

A

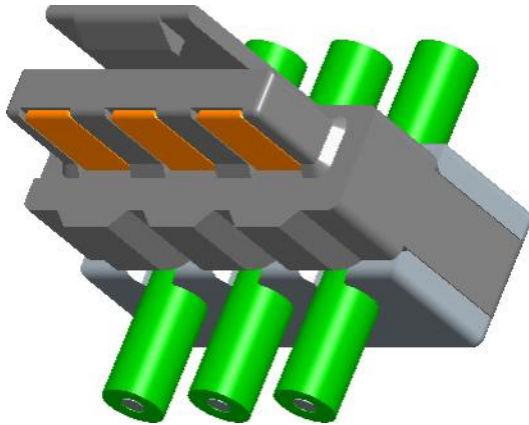
B

A

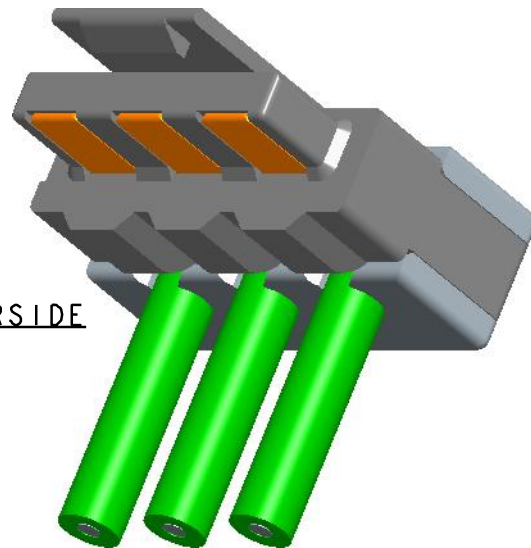
B

PLUG - WIRED - ASSEMBLY

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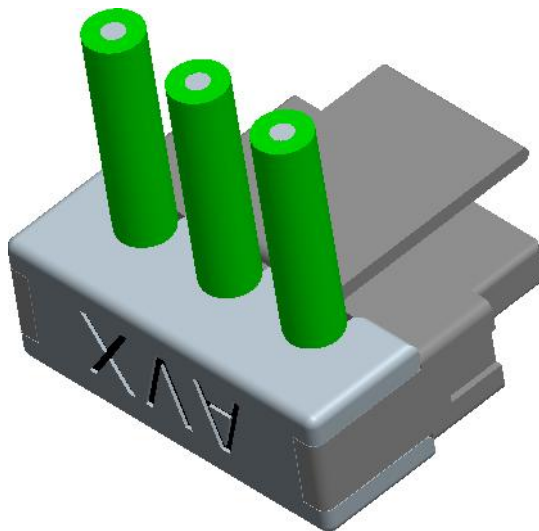


PLUG - WIRED - ASSEMBLY
THROUGH WIRE



PLUG - WIRED - ASSEMBLY
WIRE STOP - WIRE ENTRY UNDERSIDE

PLUG - WIRED - ASSEMBLY
WIRE STOP - WIRE ENTRY TOP

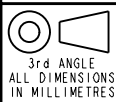


FORM-106-01-036-6 ISS 7

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SHEET 14 OF 14

Release No.
History
102725
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
14-9159-01_100S

DATE
01-July-11
Issue
3

A

B