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## PREFIX -

CODE	TYPE
۱4	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 489
005	5	SHEET 5810
006	6	SHEET 6&11



## 2 PART PCB STRIP CONNECTOR

CODE			DESF	RCR	IPTIC	N
	2	PART	WIRED	IDC	STRIP	CONNECTOR

## WIRE GAUGE -

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CODE	WIRE GAUGE
2	2 2 A W G
3	2 4 A W G



## WIRE INSULATION DIAMETER

CODE	WIRE	INSULATION	SIZE	RANGE
2		ØI.I0mm TO Ø	I.60mm	

## COLOUR OPTIONS

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

## CAP OPTIONS

COE	) E	CAP OPTION	AVAILABILITY
0		THROUGH WIRE	ALLOWS WIRES TO BE TREMINATED
9		WIRE STOP	TERMINATES END OF WIRE END PROTECTED WITH STOP FACE

## PLATING OPTION -

Ì	CODE	CONTACT						
	6	GOLD	ON	CONTACT,	TIN	ON	IDC	

SHEET I OF 14

11.5 for y 10.2 7.2 0.1 10.2 7.2 0.1 10.2 8.4 4 10.2 8.6 2 10.2 8.6 2 13. 03. 2012

3rd ANGLE ALL DIMENSION

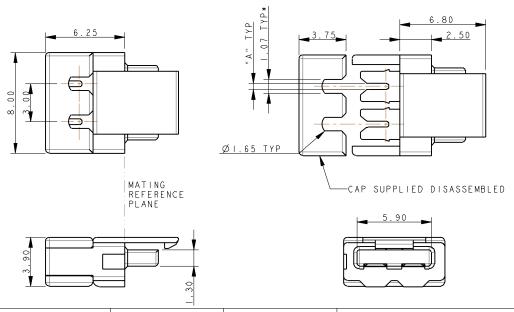
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## PLUG - WIRED - 2 WAY THROUGH WIRE CAP



WIRE GAUGE	CODE (SHEET I)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	I.IO TO I.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

### NOTES:

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)-10-901

Release No. History 1 0 2 75 21 0 7 201 25 08 2011 05 12 201 09 01 2012 10 28 62 13 01 2012

- 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..

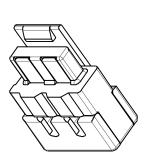
  5. INSULATOR MATERIAL :- NYLON 46, GLASS FILLED, UL94 V-0, COLOUR REFER TO SHEET I.

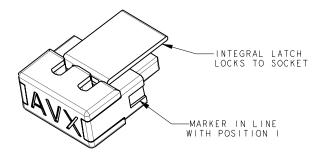
  6. CONTACT MATERIAL :- COPPER ALLOY, PLATING NICKEL BASE ALL OVER, GOLD ON CONTACT, TIN ON IDC.

  7. PACKING IN TAPE AND REEL. OTY PER REEL 700, POCKET CONTAINS I CONNECTOR AND I CAP.

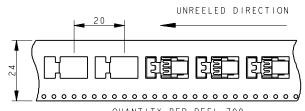
  8. WIRE GAUGE OPTIONS, SEE TABLE.

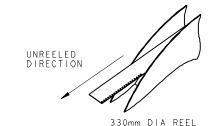
  9. ASSEMBLY AIDS, REFER TO SHEETS I2 AND I3.





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







SHEET 2 OF 14

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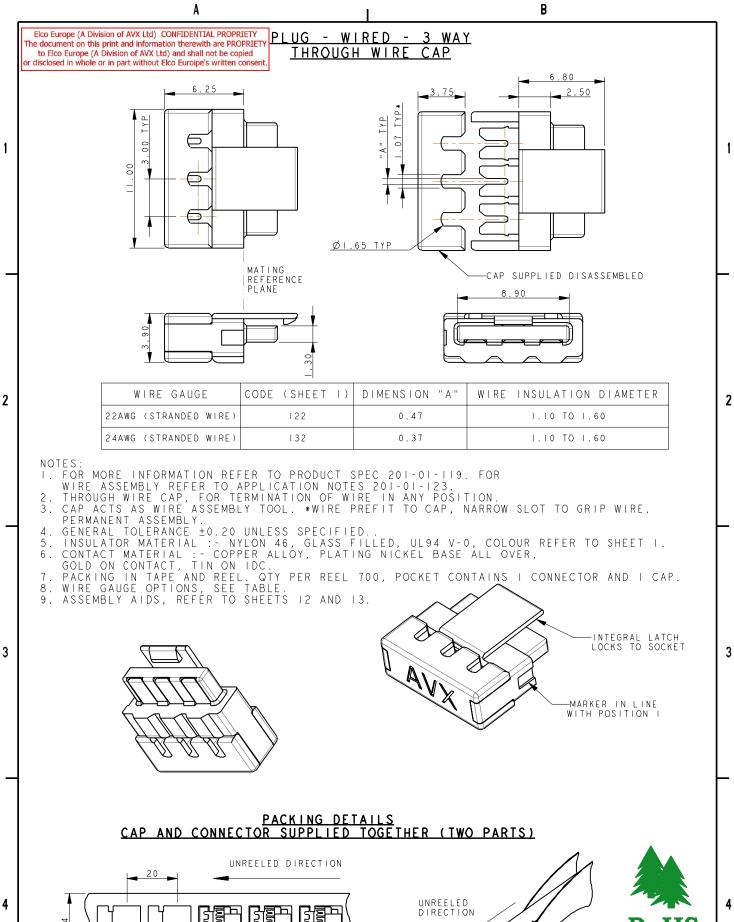
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3rd ANGLE ALL DIMENSIONS IN MILLIMETRES

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	N.C.H.	9159 TWO PART - ORDERING CODE	DATE DI-July-II
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RELEGISE NO. 1-056-6 155 7
H 15 107
H 15 107
H 15 107
H 15 108
H 1

QUANTITY PER REEL 700

3rd ANGLE ALL DIMENSIONS IN MILLIMETRES 9159 TWO PART - ORDERING CODE

Part Number | 4 - 9 | 5 9 - 0 | \_ | 0 0 S

330mm DIA REFL

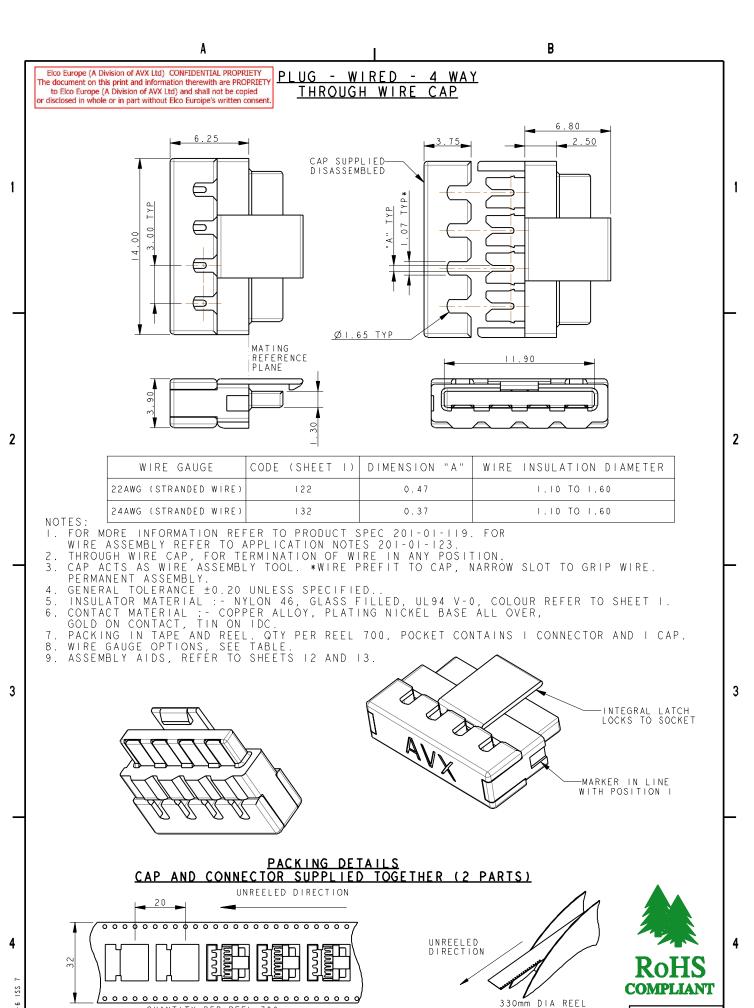
Drawn N.C.H

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OF 14

DATE Di-July-i



PGRM-106-01-056-6
Release No. 102725
21.07.2011
25.08.2011
05.01.2012
10.2844
23.01.2012
13.03.2012

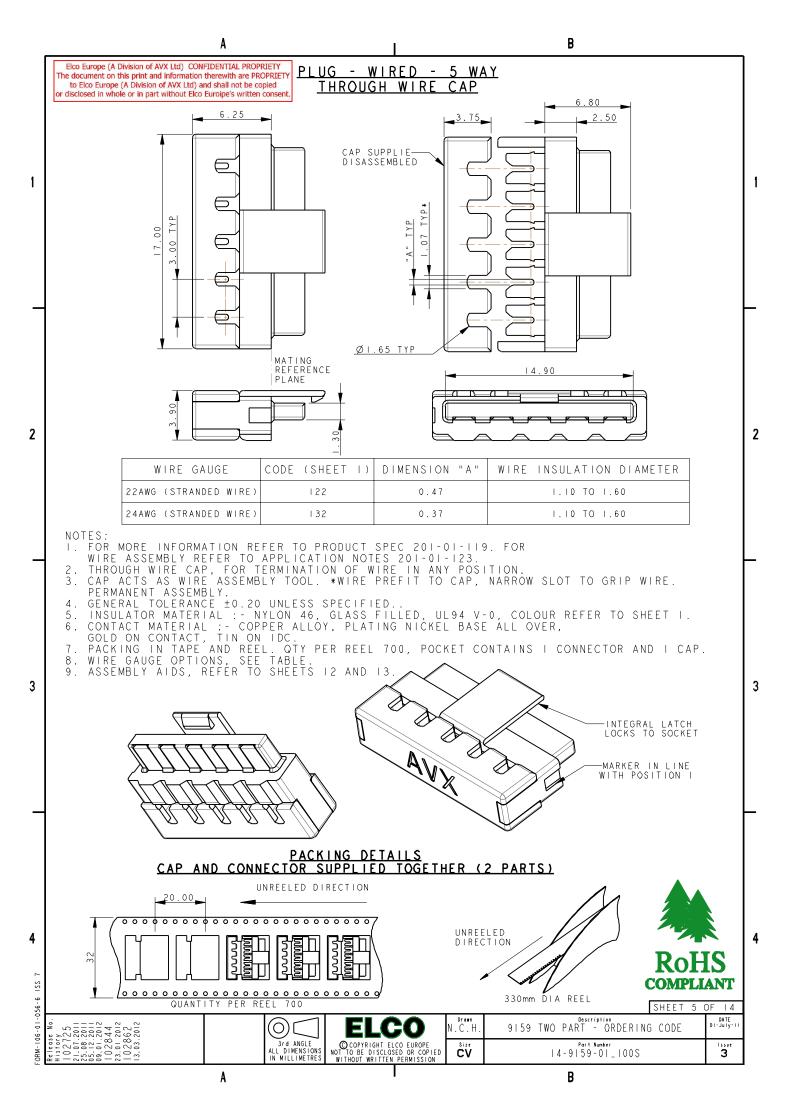
QUANTITY PER REEL 700

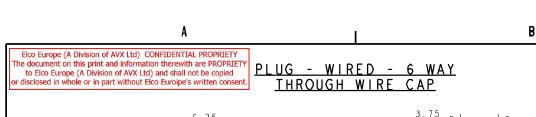
3rd ANGLE
ALL DIMENSIONS
IN MILLIMETRES

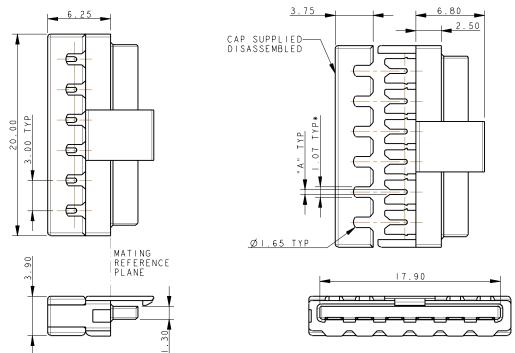
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14

DATE Di-July-i







### CODE (SHEET I) WIRE GAUGE 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

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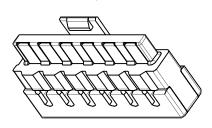
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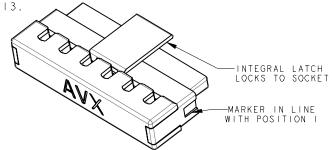
SS

-10-901

- NOTES:
  I. 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.

- PERMANENT ASSEMBLY.
  GENERAL TOLERANCE ±0.20 UNLESS SPECIFIED..
  INSULATOR MATERIAL :- NYLON 46, GLASS FILLED, UL94 V-0, COLOUR REFER TO SHEET I.
  CONTACT MATERIAL :- COPPER ALLOY, PLATING NICKEL BASE ALL OVER,
  GOLD ON CONTACT, TIN ON IDC.
  PACKING IN TAPE AND REEL. OTY PER REEL 700, POCKET CONTAINS I CONNECTOR AND I CAP.
  WIRE GAUGE OPTIONS, SEE TABLE.
  ASSEMBLY AIDS, REFER TO SHEETS 12 AND 13.

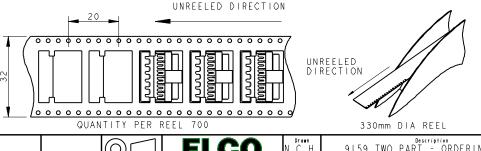




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# PACKING DETAILS CAP AND CONNECTOR SUPPLIED TOGETHER (2 PARTS)



 $\odot$ 3rd ANGLE ALL DIMENSIONS IN MILLIMETRES

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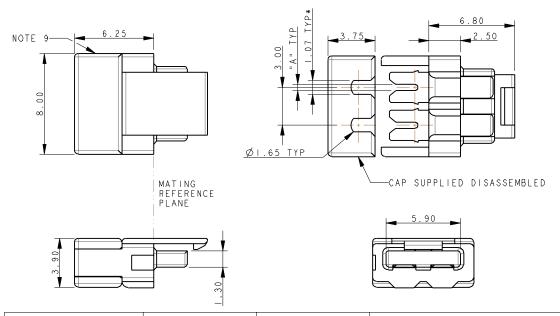
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Drawn N.C.H DATE Di-July-i 9159 TWO PART - ORDERING CODE | 4 - 9 | 5 9 - 0 | \_ | 0 0 S ČV. 3

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SHEET 6

ΟF 1.4



WIRE GAUGE	CODE (SHEET I)	DIMENSION "A"	WIRE INSULATION DIAMETER
22AWG (STRANDED WIRE)	122	0.47	I.IO TO I.60
24AWG (STRANDED WIRE)	132	0.37	1.10 TO 1.60

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-10-901

- NOTES:
  I FOR MORE
- NOTES:

  I. 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 I.

  6. CONTACT MATERIAL: COPPER ALLOY, PLATING NICKEL BASE ALL OVER,
  GOLD ON CONTACT, TIN ON IDC.

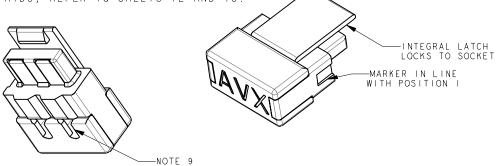
  7. PACKING IN TAPE AND REEL. GTY PER REEL 700, POCKET CONTAINS I CONNECTOR AND I CAP.

  8. WIRE GAUGE OPTIONS, SEE TABLE.

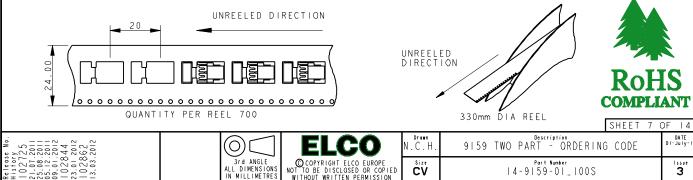
  9. SHOWN WITH WIRE ENTRY FROM UNDERSIDE, CAP CAN BE ASSEMBLED
  FOR EITHER TOP OR UNDERSIDE WIRE ENTRY.

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

3rd ANGLE L DIMENSIONS MILLIMETRES



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



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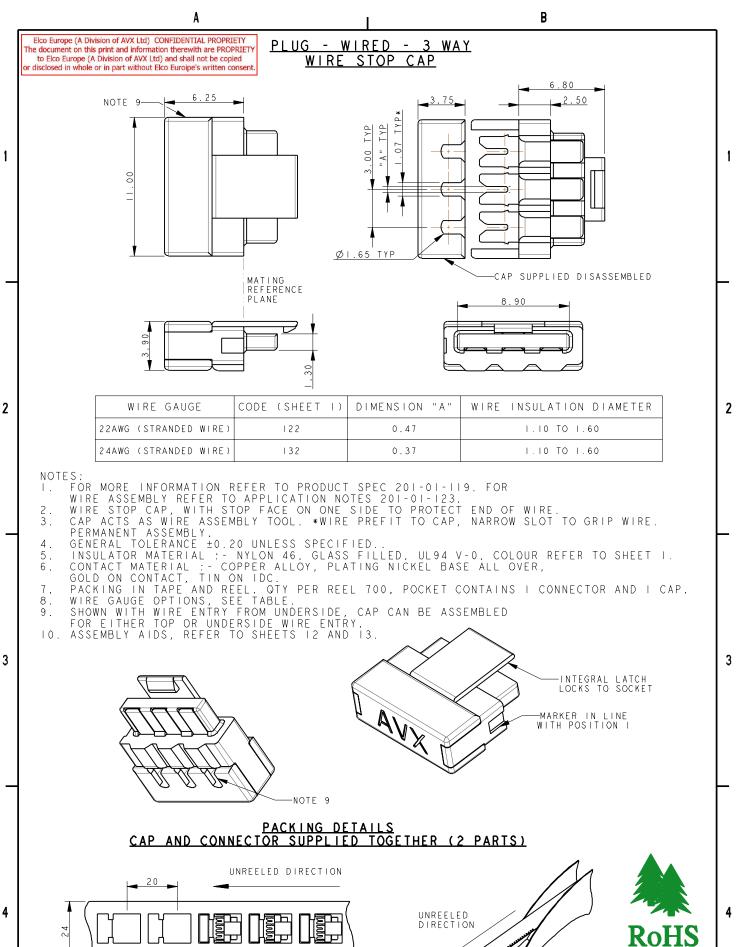
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Part Number | 4 - 9 | 5 9 - 0 | \_ | 0 0 S

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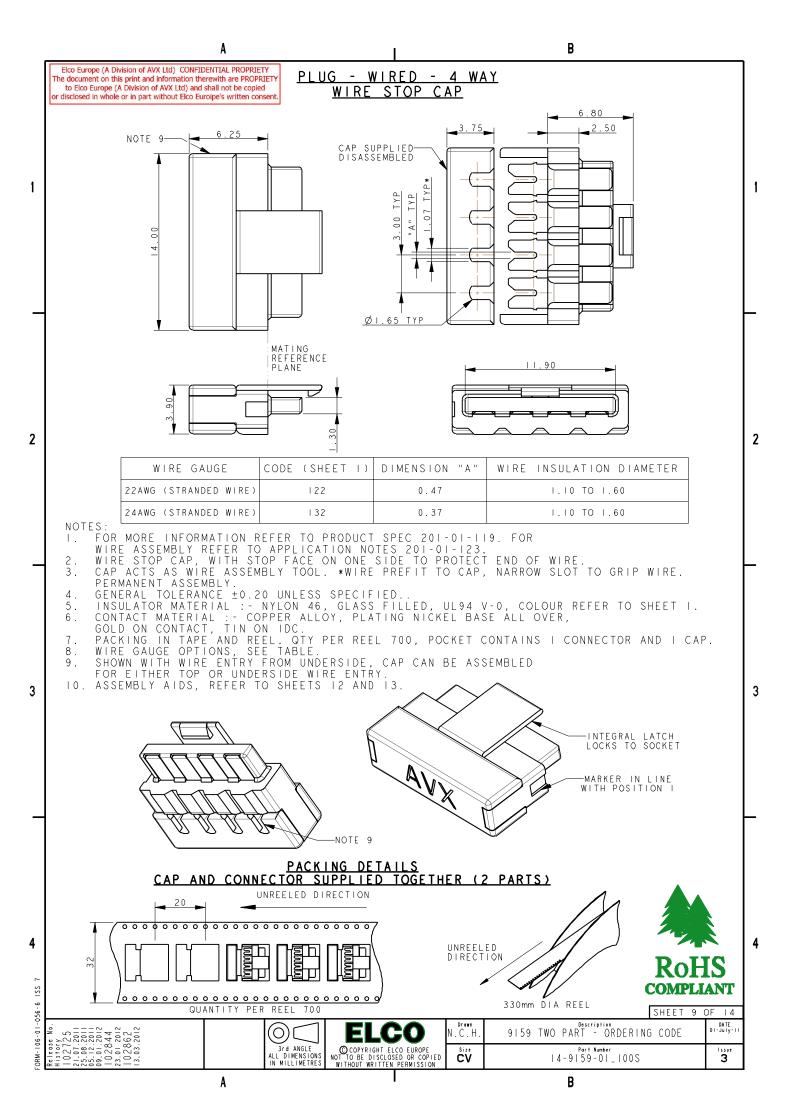
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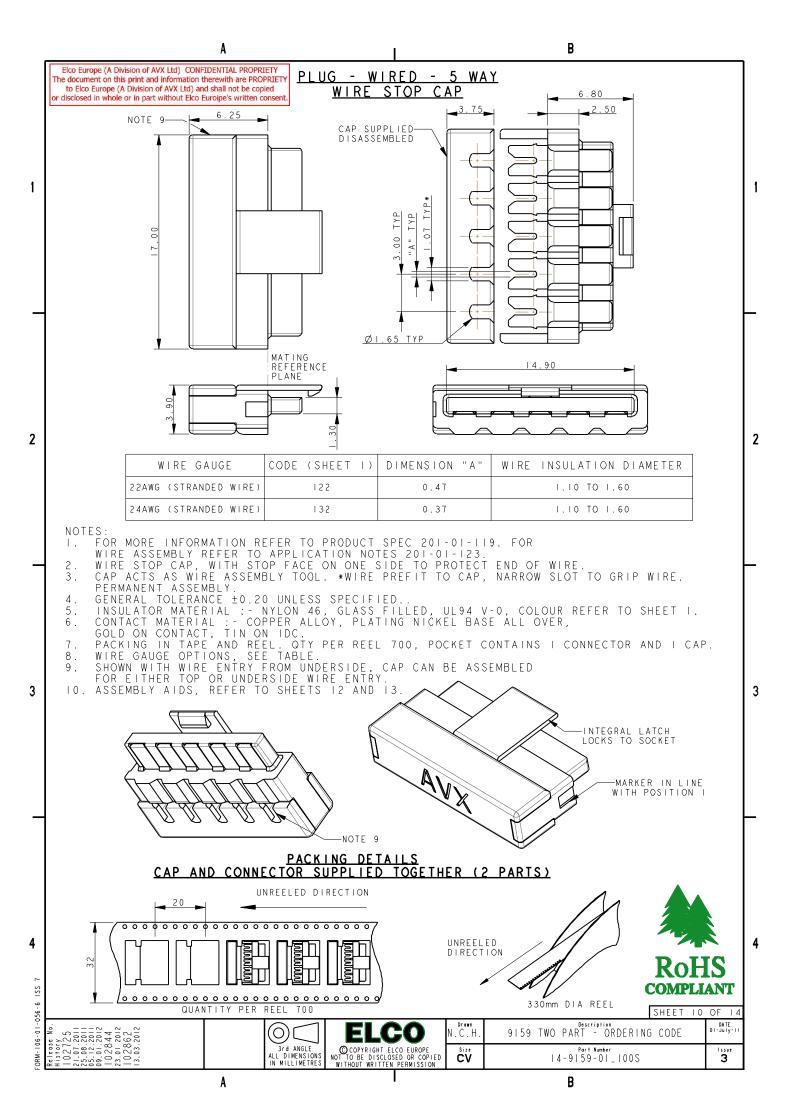


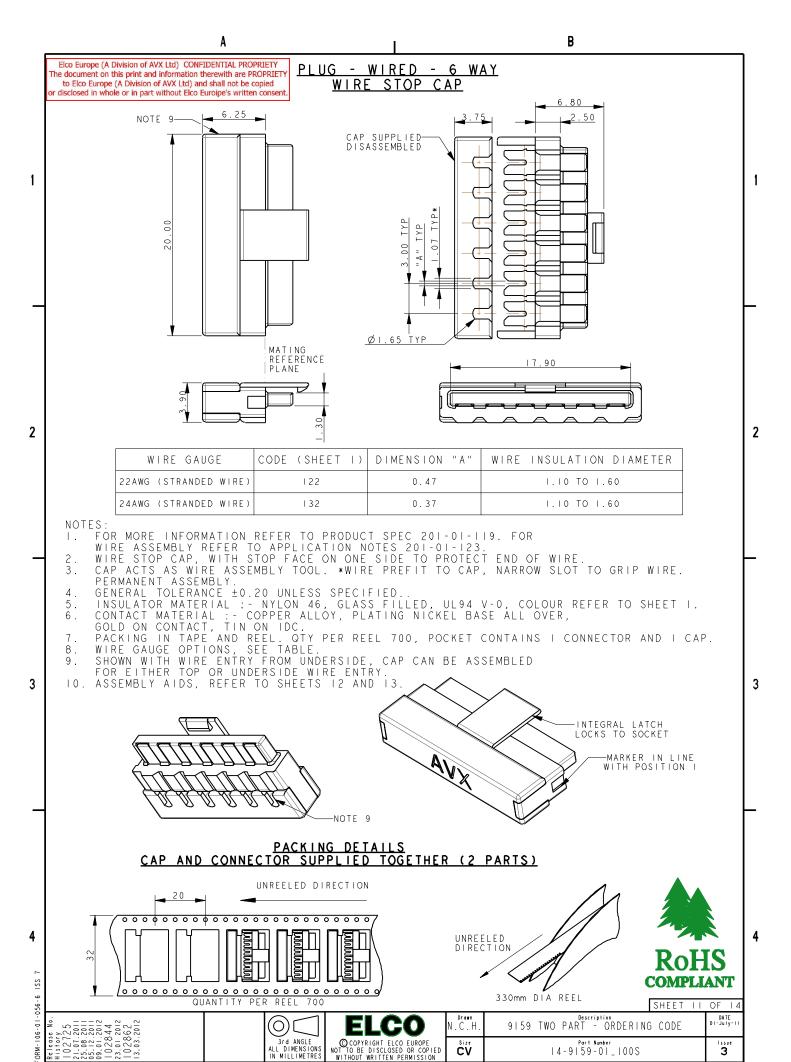
330mm DIA REEL QUANTITY PER REEL 700 SHEET 8 14 Drawn N.C.H DATE Di-July-i 102725 21.07.2011 25.08.2011 05.12.2011 09.01.2012 10.28.62 13.03.2012 9159 TWO PART - ORDERING CODE (0)[© COPYRIGHT ELCO EUROPE NOT TO BE DISCLOSED OR COPIED WITHOUT WRITTEN PERMISSION | 4 - 9 | 5 9 - 0 | \_ | 0 0 S ČV. 3 В

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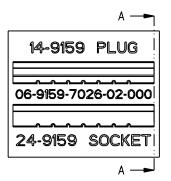
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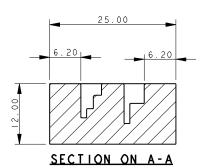


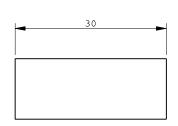




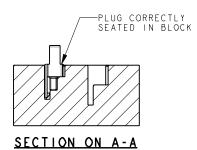
PLUG - WIRED - ASSEMBLY SUPPORT BLOCK

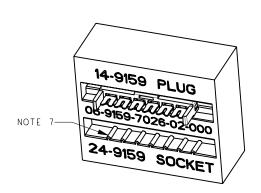






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- NOTES:
  1. BLOCK TO SUPPORT 9159 IDC WIRED CONNECTORS DURING ASSEMBLY OF CAP/WIRE.

  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.



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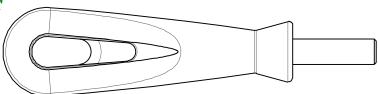
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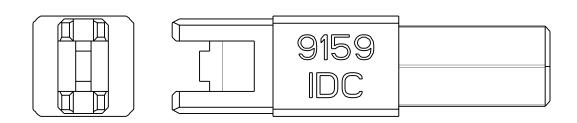
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## PLUG - WIRED - WIRE INSERTION TOOL

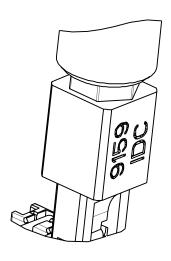


## UNIVERSAL HANDLE 06-7000-7730-01-000



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

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NOTES:I. 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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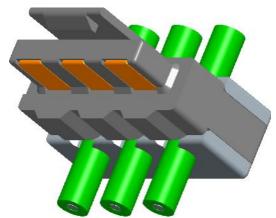
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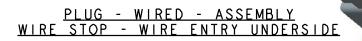
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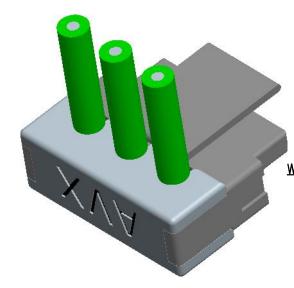
## PLUG - WIRED - ASSEMBLY

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PLUG - WIRED - ASSEMBLY THROUGH WIRE





<u>PLUG – WIRED – ASSEMBLY</u> <u>WIRE STOP – WIRE ENTRY TOP</u>



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3rd ANGLE
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