



00-9176-00X-7XX-XX6

PREFIX

SERIES

NO. OF WAYS

CODE	NO. OF WAYS
001	1
002	2
003	3

WIRE GAUGE SIZE

CODE	DESCRIPTION	ACCEPTED WIRE GAUGE	WIRE INSULATION
701	CAPPED-IDC CONNECTOR	18 AWG STRANDED	Ø 1.6-2.1
711		20 AWG STRANDED	Ø 1.6-2.1
722		22 AWG STRANDED	Ø 1.1-1.6
732		24 AWG STRANDED	Ø 1.1-1.6

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COLOUR OPTION

CODE	INSULATOR COLOUR	AVAILABILITY
0	BLACK	SPECIAL ORDER
1	WHITE	STANDARD

CAP OPTIONS

CODE	CAP OPTION	DESCRIPTION	DETAILS
0	THROUGH WIRE	ALLOWS WIRE TO BE TERMINATED AT ANY POINT	REFER TO SHEETS 2 TO 4
9	WIRE STOP	TERMINATES END OF WIRE END PROTECTED BY STOP FACE	REFER TO SHEETS 5 TO 7

PLATING OPTION

CODE	DESCRIPTION
6	PURE TIN ALL OVER

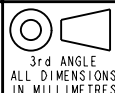
AVX

CONTROLLED RELEASE

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SHEET 1 OF 8

Release No.  
History  
102847  
04.05.2012  
18.05.2012  
20.08.2012



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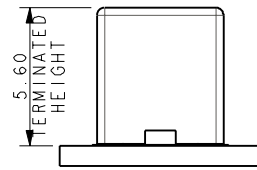
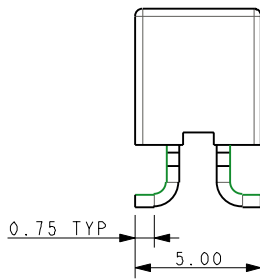
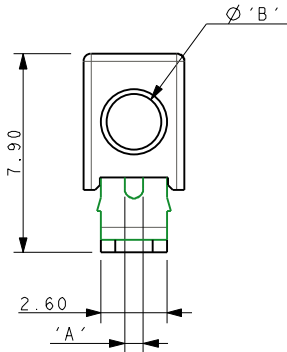
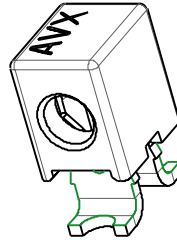
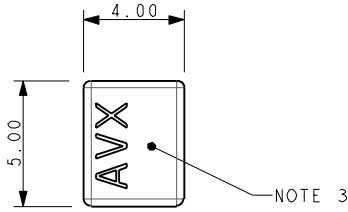
Drawn N.C.H.	Description 18-24AWG IDC WIRE TO BOARD CONNECTOR	DATE 04-Apr-12
Size CV	Part Number 00-9176-01_700S	Issue C

A

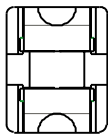
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**18-24 AWG 1 WAY IDC CONNECTOR  
THROUGH WIRE CAPPED IDC**



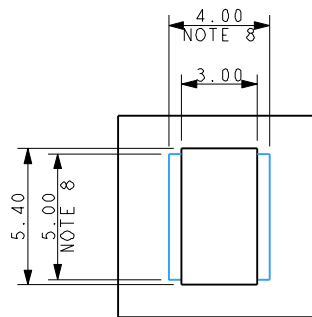
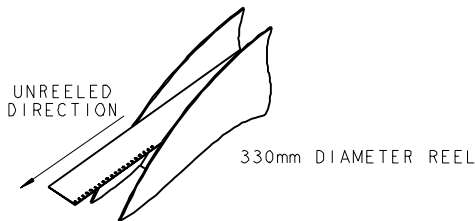
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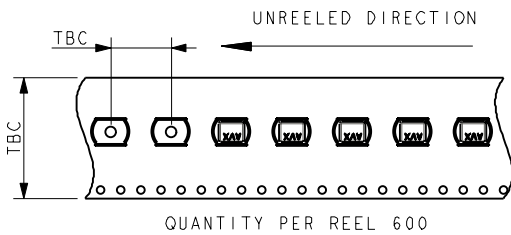
CODE	WIRE GAUGE	'A'	WIRE INSULATION	'B'
701	18AWG STRANDED	0.74	Ø 1.6-2.1	2.1
711	20AWG STRANDED	0.60	Ø 1.6-2.1	2.1
722	22AWG STRANDED	0.47	Ø 1.1-1.6	1.6
732	24AWG STRANDED	0.37	Ø 1.1-1.6	1.6

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**PACKING NOTES**



**SUGGESTED PCB LAYOUT**



QUANTITY PER REEL 600

**NOTES :-**

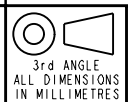
1. 1 WAY CONNECTOR FOR IDC WIRE TO BOARD CONNECTION, PRE ASSEMBLED THROUGH WIRE CAP, CODE REFER TO SHEET 1.
2. CONTACT/CAP TO MATCH 18-24AWG STRANDED WIRE, INSULATION DIAMETER RANGE AS IN TABLE.
3. FLAT FACE ON TOP OF CAP TO AID PICK AND PLACE ASSEMBLY.
4. FOR FULL DETAILS REFER TO ELCO SPECIFICATION 201-01-138.
5. ASSEMBLY PROCEDURE, REFER TO APPLICATION NOTES 201-01-140.
6. GENERAL TOLERANCE ±0.20 UNLESS STATED.
7. PACKED IN TAPE AND REEL, QUANTITY PER REEL 600.
8. CONNECTOR OUTLINE.
9. CONTACT MATERIAL :- TIN PLATED COPPER ALLOY.
10. INSULATION MATERIAL, HIGH TEMPERATURE NYLON, GLASS FILLED. UL94 V-0, COLOUR REFER TO SHEET 1.
11. GENERAL TOLERANCE ±0.20 UNLESS STATED.

FORM-106-01-056-6 ISS 7

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SHEET 2 OF 8

Release No. 102847	History 04.05.2012 18.05.2012 20.08.2012
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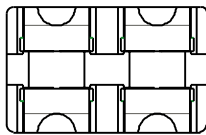
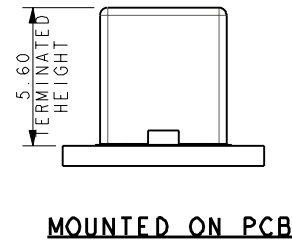
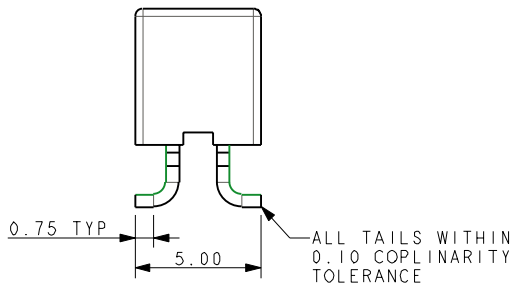
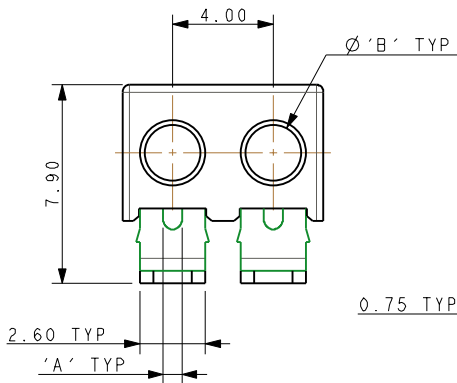
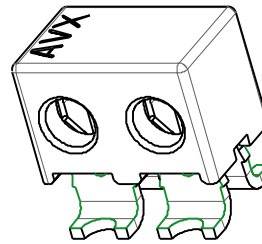
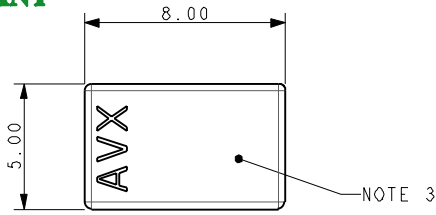
Drawn N.C.H.	Description 18-24AWG IDC WIRE TO BOARD CONNECTOR	DATE 04-Apr-12
Size CV	Part Number 00-9176-01_700S	Issue C

A

B



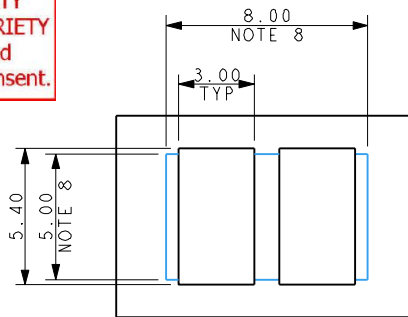
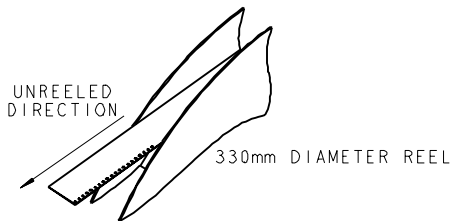
**18-24 AWG 2 WAY IDC CONNECTOR  
THROUGH WIRE CAPPED IDC**



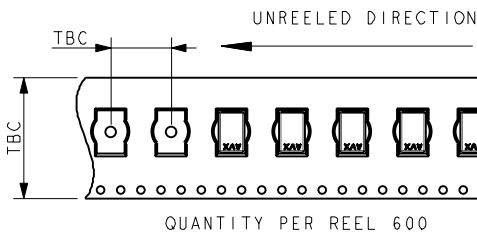
CODE	WIRE GAUGE	'A'	WIRE INSULATION	'B'
701	18AWG STRANDED	0.74	Ø 1.6-2.1	2.1
711	20AWG STRANDED	0.60	Ø 1.6-2.1	2.1
722	22AWG STRANDED	0.47	Ø 1.1-1.6	1.6
732	24AWG STRANDED	0.37	Ø 1.1-1.6	1.6

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**PACKING NOTES**



**SUGGESTED PCB LAYOUT**



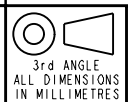
**NOTES :-**

- 2 WAY CONNECTOR FOR IDC WIRE TO BOARD CONNECTION, PRE ASSEMBLED THROUGH WIRE CAP, CODE REFER TO SHEET 1.
- CONTACT/CAP TO MATCH 18-24AWG STRANDED WIRE, INSULATION DIAMETER RANGE AS IN TABLE.
- FLAT FACE ON TOP OF CAP TO AID PICK AND PLACE ASSEMBLY.
- FOR FULL DETAILS REFER TO ELCO SPECIFICATION 201-01-138.
- ASSEMBLY PROCEDURE, REFER TO APPLICATION NOTES 201-01-140.
- GENERAL TOLERANCE ±0.20 UNLESS STATED.
- PACKED IN TAPE AND REEL, QUANTITY PER REEL 600.
- CONNECTOR OUTLINE.
- CONTACT MATERIAL :- TIN PLATED COPPER ALLOY.
- INSULATION MATERIAL, HIGH TEMPERATURE NYLON, GLASS FILLED. UL94 V-0, COLOUR REFER TO SHEET 1.
- GENERAL TOLERANCE ±0.20 UNLESS STATED.

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SHEET 3 OF 8

FORM-106-01-056-6 ISS 7  
Release No.  
History  
102847  
04.05.2012  
18.05.2012  
20.08.2012



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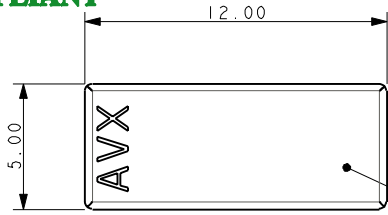
Drawn N.C.H.	Description 18-24AWG IDC WIRE TO BOARD CONNECTOR	DATE 04-Apr-12
Size CV	Part Number 00-9176-01_700S	Issue C

A

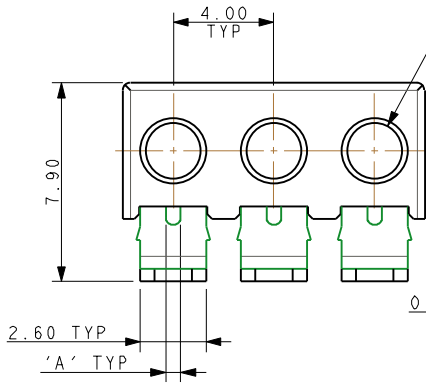
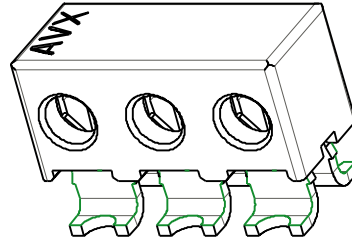
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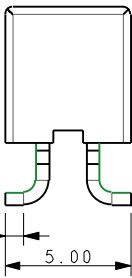
**18-24 AWG 3 WAY IDC CONNECTOR  
THROUGH WIRE CAPPED IDC**



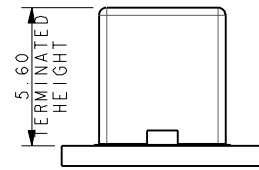
NOTES 3



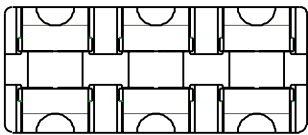
Ø 'B' TYP



ALL TAILS WITHIN 0.10 COPLANARITY TOLERANCE



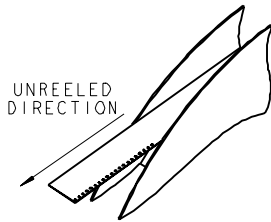
**MOUNTED ON PCB**



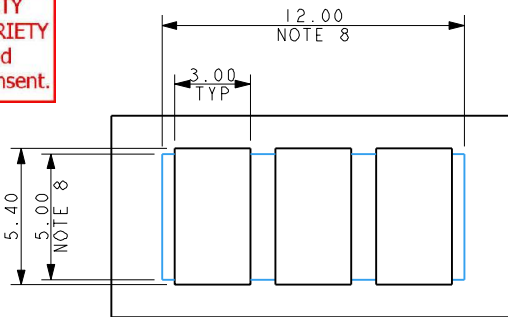
CODE	WIRE GAUGE	'A'	WIRE INSULATION	'B'
701	18AWG STRANDED	0.74	Ø 1.6-2.1	2.1
711	20AWG STRANDED	0.60	Ø 1.6-2.1	2.1
722	22AWG STRANDED	0.47	Ø 1.1-1.6	1.6
732	24AWG STRANDED	0.37	Ø 1.1-1.6	1.6

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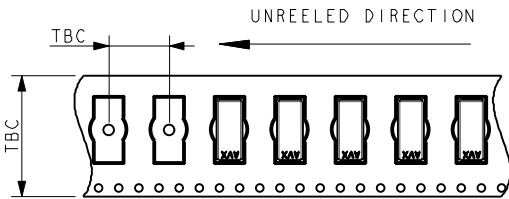
**PACKING NOTES**



330mm DIAMETER REEL



**SUGGESTED PCB LAYOUT**



QUANTITY PER REEL 600

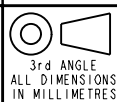
**NOTES :-**

- 3 WAY CONNECTOR FOR IDC WIRE TO BOARD CONNECTION, PRE ASSEMBLED THROUGH WIRE CAP, CODE REFER TO SHEET 1.
- CONTACT/CAP TO MATCH 18-24AWG STRANDED WIRE, INSULATION DIAMETER RANGE AS IN TABLE.
- FLAT FACE ON TOP OF CAP TO AID PICK AND PLACE ASSEMBLY.
- FOR FULL DETAILS REFER TO ELCO SPECIFICATION 201-01-138.
- ASSEMBLY PROCEDURE, REFER TO APPLICATION NOTES 201-01-140.
- GENERAL TOLERANCE ±0.20 UNLESS STATED.
- PACKED IN TAPE AND REEL, QUANTITY PER REEL 600.
- CONNECTOR OUTLINE.
- CONTACT MATERIAL :- TIN PLATED COPPER ALLOY.
- INSULATION MATERIAL, HIGH TEMPERATURE NYLON, GLASS FILLED.
- UL94 V-0, COLOUR REFER TO SHEET 1.
- GENERAL TOLERANCE ±0.20 UNLESS STATED.

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SHEET 4 OF 8

FORM-106-01-056-6 ISS 7  
 Release No.  
 History  
 102847  
 04.05.2012  
 18.05.2012  
 20.08.2012



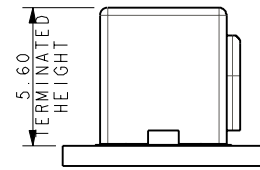
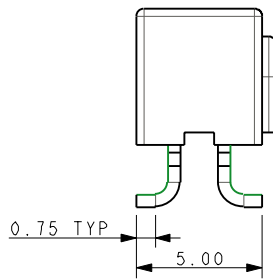
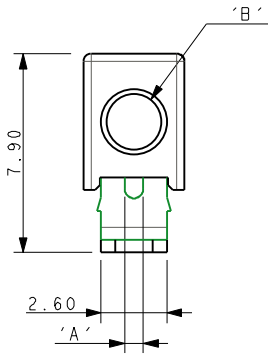
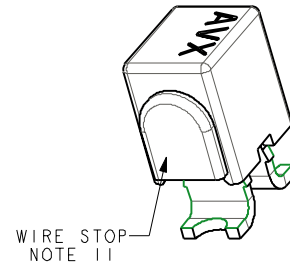
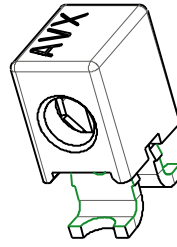
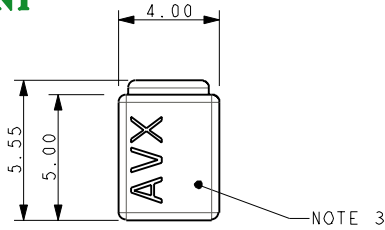
Drawn N.C.H.	Description 18-24AWG IDC WIRE TO BOARD CONNECTOR	DATE 04-Apr-12
Size CV	Part Number 00-9176-01_700S	Issue C

A

B



**18-24 AWG 1 WAY IDC CONNECTOR  
WIRE STOP CAPPED-IDC**

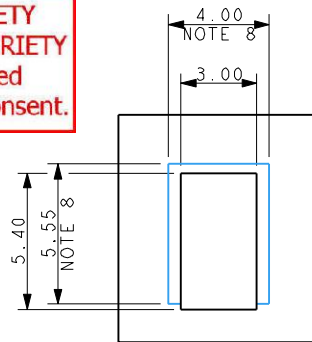
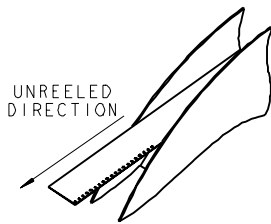


**MOUNTED ON PCB**

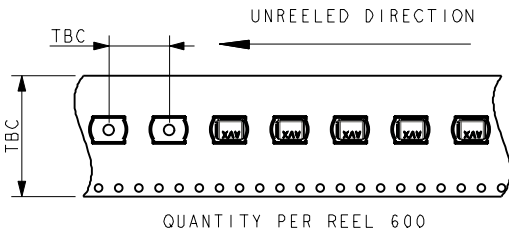
CODE	WIRE GAUGE	'A'	WIRE INSULATION	'B'
701	18AWG STRANDED	0.74	Ø 1.6-2.1	2.1
711	20AWG STRANDED	0.60	Ø 1.6-2.1	2.1
722	22AWG STRANDED	0.47	Ø 1.1-1.6	1.6
732	24AWG STRANDED	0.37	Ø 1.1-1.6	1.6

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**PACKING NOTES**



**SUGGESTED PCB LAYOUT**



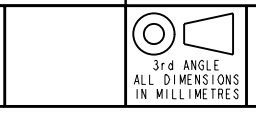
**NOTES :-**

1. 1 WAY CONNECTOR FOR IDC WIRE TO BOARD CONNECTION, PRE ASSEMBLED WIRE STOP CAP, CODE REFER TO SHEET 1.
2. CONTACT/CAP TO MATCH 18-24AWG STRANDED WIRE, INSULATION DIAMETER RANGE AS IN TABLE.
3. FLAT FACE ON TOP OF CAP TO AID PICK AND PLACE ASSEMBLY.
4. FOR FULL DETAILS REFER TO ELCO SPECIFICATION 201-01-138.
5. ASSEMBLY PROCEDURE, REFER TO APPLICATION NOTES 201-01-140.
6. GENERAL TOLERANCE ±0.20 UNLESS STATED.
7. PACKED IN TAPE AND REEL, QUANTITY PER REEL 600.
8. CONNECTOR OUTLINE.
9. CONTACT MATERIAL :- TIN PLATED COPPER ALLOY.
10. INSULATION MATERIAL, HIGH TEMPERATURE NYLON, GLASS FILLED, UL94 V-0, COLOUR REFER TO SHEET 1.
11. WIRE STOP CAP PROTECTS END OF WIRE.
12. GENERAL TOLERANCE ±0.20 UNLESS STATED.

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SHEET 5 OF 8

Release No. 102847	History 04.05.2012 18.05.2012 20.08.2012
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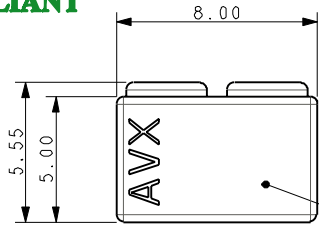
Drawn N.C.H.	Description 18-24AWG IDC WIRE TO BOARD CONNECTOR	DATE 04-Apr-12
Size CV	Part Number 00-9176-01_700S	Issue C

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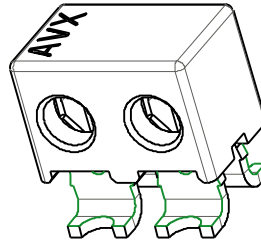
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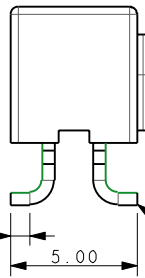
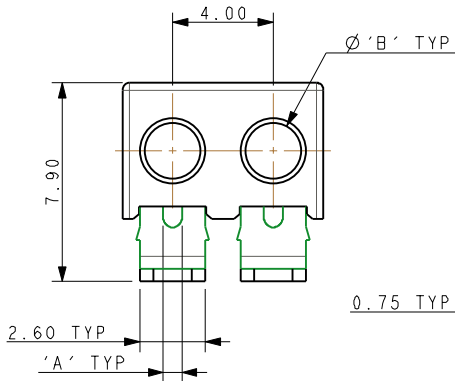
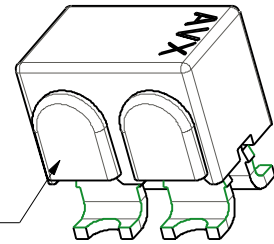
**18-24 AWG 2 WAY IDC CONNECTOR  
WIRE STOP CAPPED IDC**



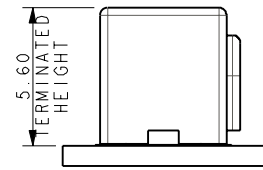
NOTE 3



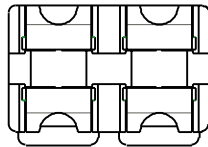
WIRE STOP  
NOTE 11



ALL TAILS WITHIN  
0.10 COPLANARITY  
TOLERANCE



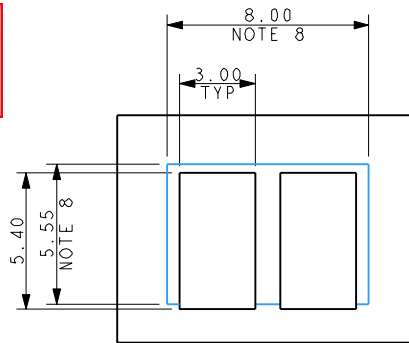
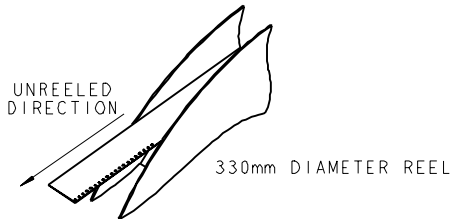
**MOUNTED ON PCB**



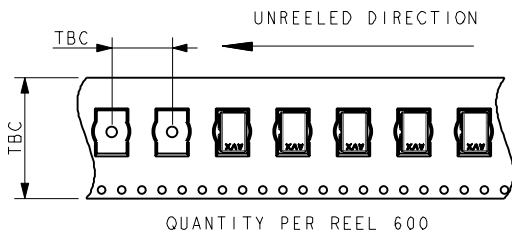
CODE	WIRE GAUGE	'A'	WIRE INSULATION	'B'
701	18AWG STRANDED	0.74	Ø 1.6-2.1	2.1
711	20AWG STRANDED	0.60	Ø 1.6-2.1	2.1
722	22AWG STRANDED	0.47	Ø 1.1-1.6	1.6
732	24AWG STRANDED	0.37	Ø 1.1-1.6	1.6

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**PACKING NOTES**



**SUGGESTED PCB LAYOUT**



**NOTES :-**

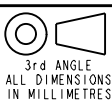
- 2 WAY CONNECTOR FOR IDC WIRE TO BOARD CONNECTION, PRE ASSEMBLED WIRE STOP CAP, CODE REFER TO SHEET 1.
- CONTACT/CAP TO MATCH 18-24AWG STRANDED WIRE, INSULATION DIAMETER RANGE AS IN TABLE.
- FLAT FACE ON TOP OF CAP TO AID PICK AND PLACE ASSEMBLY.
- FOR FULL DETAILS REFER TO ELCO SPECIFICATION 201-01-138.
- ASSEMBLY PROCEDURE, REFER TO APPLICATION NOTES 201-01-140.
- GENERAL TOLERANCE ±0.20 UNLESS STATED.
- PACKED IN TAPE AND REEL, QUANTITY PER REEL 600.
- CONNECTOR OUTLINE.
- CONTACT MATERIAL :- TIN PLATED COPPER ALLOY.
- INSULATION MATERIAL, HIGH TEMPERATURE NYLON, GLASS FILLED. UL94 V-0, COLOUR REFER TO SHEET 1.
- WIRE STOP CAP PROTECTS END OF WIRE.
- GENERAL TOLERANCE ±0.20 UNLESS STATED.

SHEET 6 OF 8

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Release No.  
History  
102847  
04.05.2012  
18.05.2012  
20.08.2012



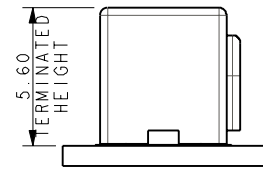
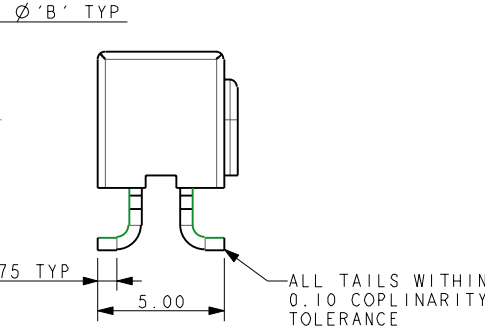
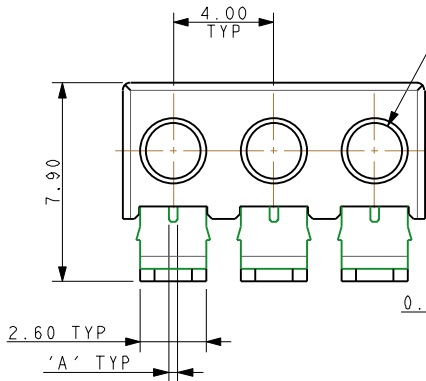
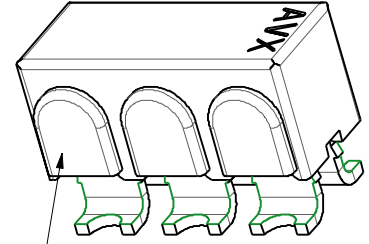
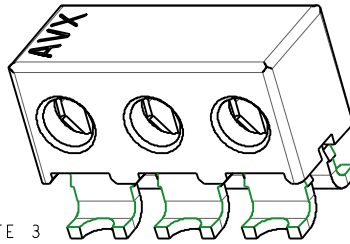
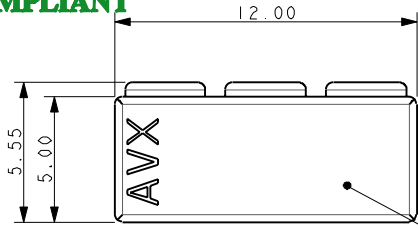
Drawn N.C.H.	Description 18-24AWG IDC WIRE TO BOARD CONNECTOR	DATE 04-Apr-12
Size CV	Part Number 00-9176-01_700S	Issue C

A

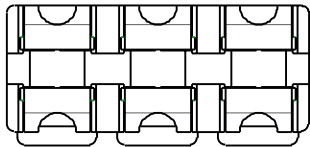
B



**18-24 AWG 3 WAY IDC CONNECTOR  
WIRE STOP CAPPED IDC**



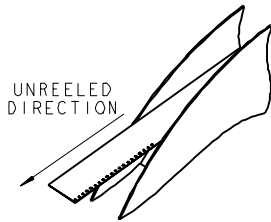
**MOUNTED ON PCB**



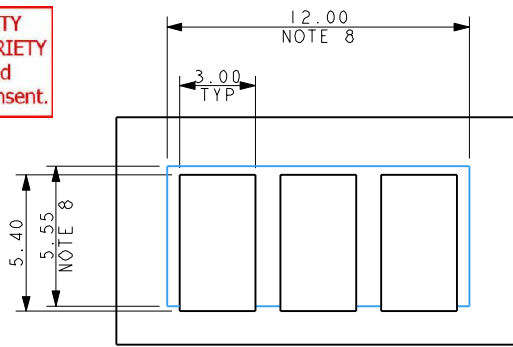
CODE	WIRE GAUGE	'A'	WIRE INSULATION	'B'
701	18AWG STRANDED	0.74	Ø 1.6-2.1	2.1
711	20AWG STRANDED	0.60	Ø 1.6-2.1	2.1
722	22AWG STRANDED	0.47	Ø 1.1-1.6	1.6
732	24AWG STRANDED	0.37	Ø 1.1-1.6	1.6

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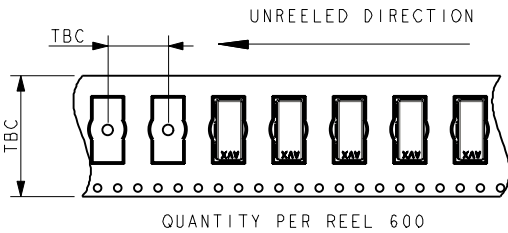
**PACKING NOTES**



330mm DIAMETER REEL



**SUGGESTED PCB LAYOUT**



QUANTITY PER REEL 600

**NOTES :-**

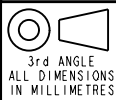
- 3 WAY CONNECTOR FOR IDC WIRE TO BOARD CONNECTION, PRE ASSEMBLED WIRE STOP CAP, CODE REFER TO SHEET 1.
- CONTACT/CAP TO MATCH 18-24AWG STRANDED WIRE, INSULATION DIAMETER RANGE AS IN TABLE.
- FLAT FACE ON TOP OF CAP TO AID PICK AND PLACE ASSEMBLY.
- FOR FULL DETAILS REFER TO ELCO SPECIFICATION 201-01-138.
- ASSEMBLY PROCEDURE, REFER TO APPLICATION NOTES 201-01-140.
- GENERAL TOLERANCE ±0.20 UNLESS STATED.
- PACKED IN TAPE AND REEL, QUANTITY PER REEL 600.
- CONNECTOR OUTLINE.
- CONTACT MATERIAL :- TIN PLATED COPPER ALLOY.
- INSULATION MATERIAL, HIGH TEMPERATURE NYLON, GLASS FILLED. UL94 V-0, COLOUR REFER TO SHEET 1.
- WIRE STOP CAP PROTECTS END OF WIRE.
- GENERAL TOLERANCE ±0.20 UNLESS STATED.

SHEET 7 OF 8

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18.05.2012  
20.08.2012



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Drawn N.C.H.	Description 18-24AWG IDC WIRE TO BOARD CONNECTOR	DATE 04-Apr-12
Size CV	Part Number 00-9176-01_700S	Issue C

A

B

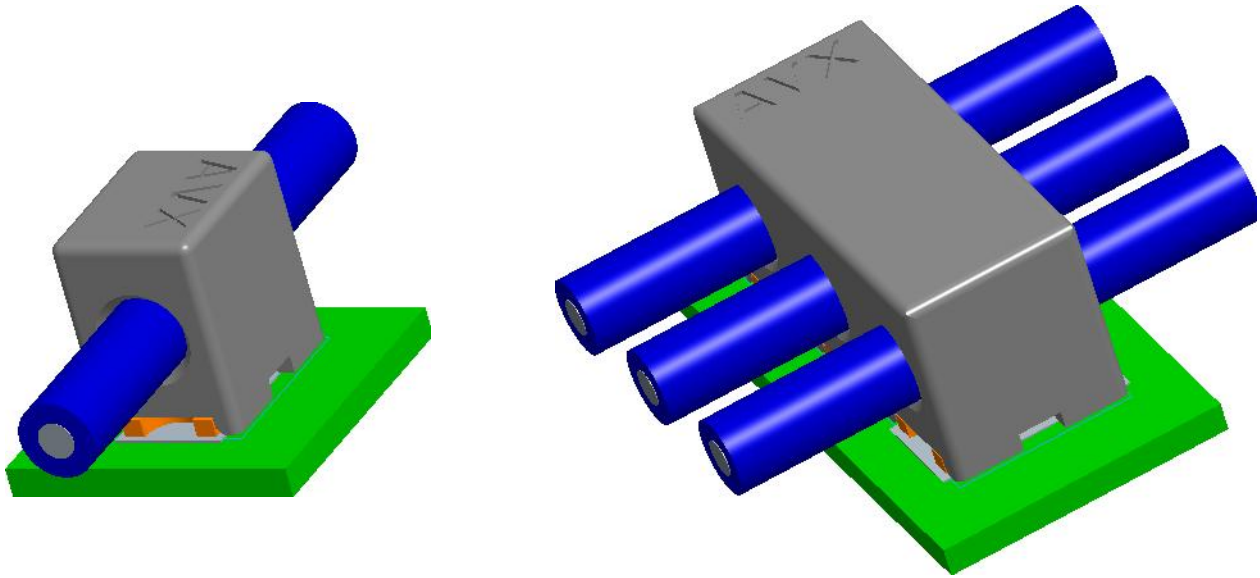
A

B

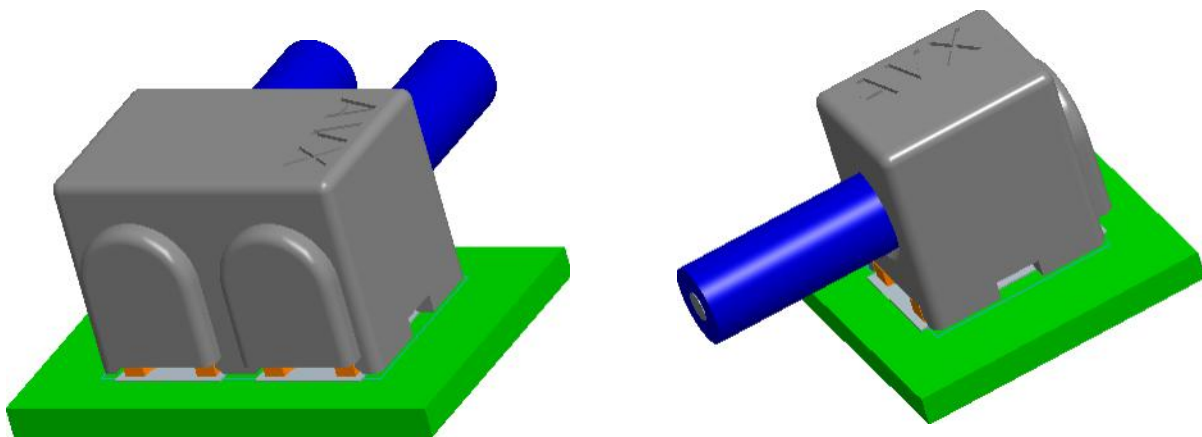


18-24 AWG ASSEMBLED CAPPED IDC CONNECTORS

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TYPICAL THROUGH WIRE ASSEMBLIES



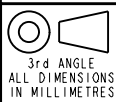
TYPICAL WIRE STOP ASSEMBLIES

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Drawn  
 N.C.H.  
 Size  
 CV

Description  
 18-24AWG IDC WIRE TO BOARD CONNECTOR  
 Part Number  
 00-9176-01\_700S

DATE  
 04-Apr-12  
 Issue  
 C

A

B