



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

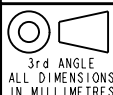
CODE	DESCRIPTION
6	PURE TIN ALL OVER



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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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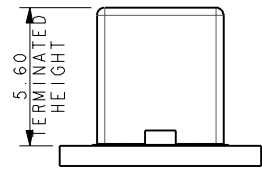
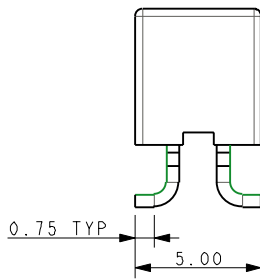
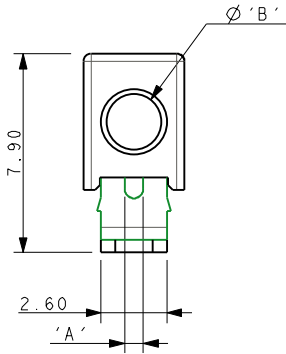
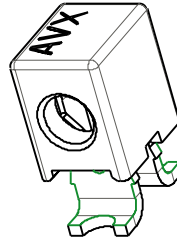
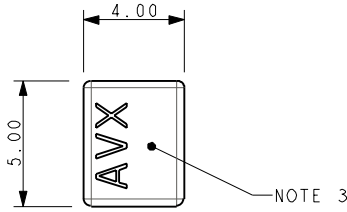
Drawn
N.C.H.
Size
CV

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

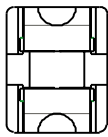
DATE
04-Apr-12
Issue
C



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



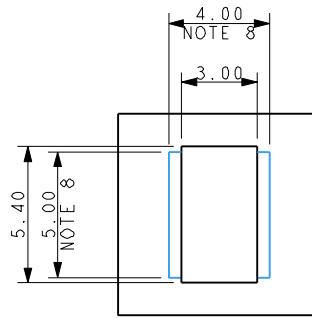
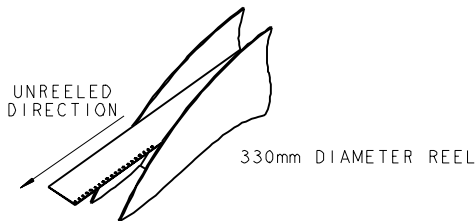
MOUNTED ON PCB



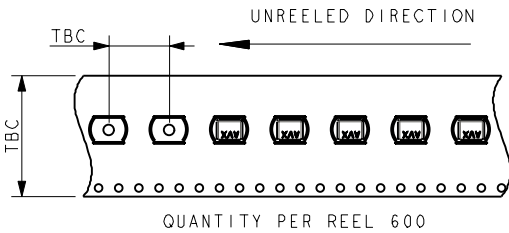
CODE	WIRE GAUGE	'A'	WIRE INSULATION	'B'
701	18AWG STRANDED	0.74	Ø 1.6-2.1	2.1
711	20AWG STRANDED	0.60	Ø 1.6-2.1	2.1
722	22AWG STRANDED	0.47	Ø 1.1-1.6	1.6
732	24AWG STRANDED	0.37	Ø 1.1-1.6	1.6

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PACKING NOTES



SUGGESTED PCB LAYOUT



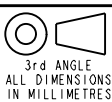
NOTES :-

1. 1 WAY CONNECTOR FOR IDC WIRE TO BOARD CONNECTION, PRE ASSEMBLED 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.

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SHEET 2 OF 8

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



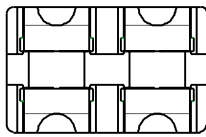
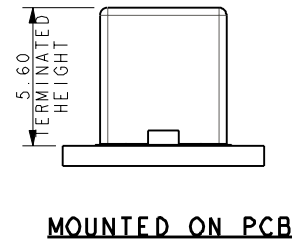
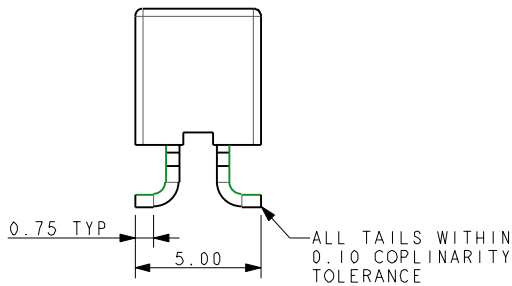
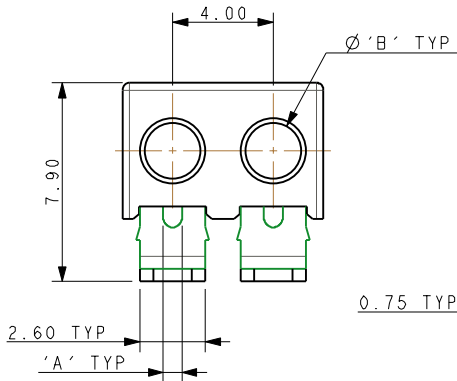
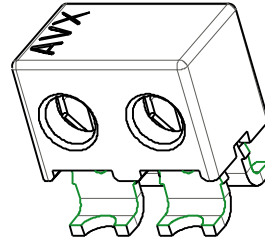
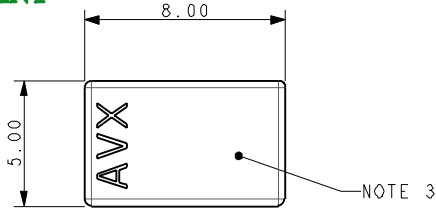
Drawn N.C.H.	Description 18-24AWG IDC WIRE TO BOARD CONNECTOR	DATE 04-Apr-12
Size CV	Part Number 00-9176-01_700S	Issue C

A

B



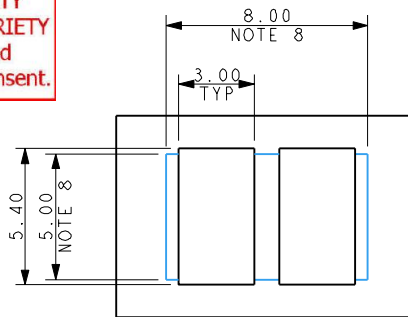
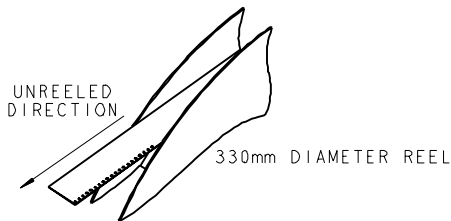
**18-24 AWG 2 WAY IDC CONNECTOR
THROUGH WIRE CAPPED IDC**



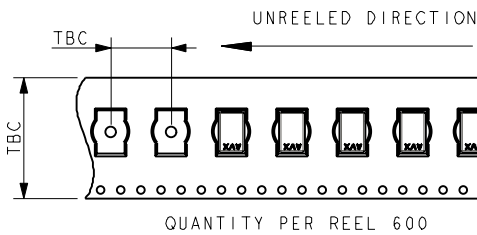
CODE	WIRE GAUGE	'A'	WIRE INSULATION	'B'
701	18AWG STRANDED	0.74	Ø 1.6-2.1	2.1
711	20AWG STRANDED	0.60	Ø 1.6-2.1	2.1
722	22AWG STRANDED	0.47	Ø 1.1-1.6	1.6
732	24AWG STRANDED	0.37	Ø 1.1-1.6	1.6

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SUGGESTED PCB LAYOUT



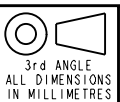
NOTES :-

- 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

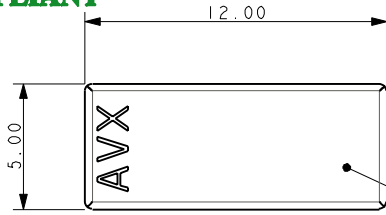
FORM-106-01-056-6 ISS 7
Release No. 102847
History 04.05.2012
18.05.2012
20.08.2012



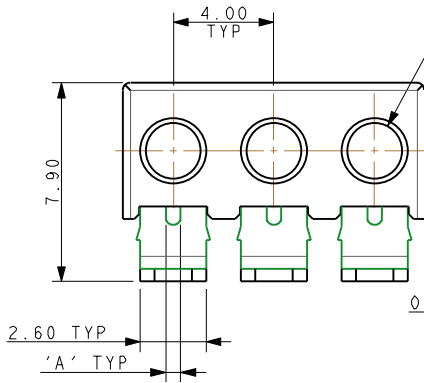
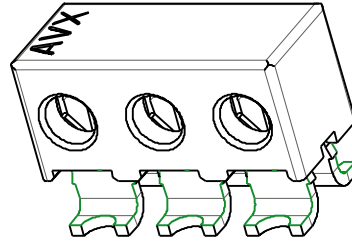
Drawn	N.C.H.	Description	18-24AWG IDC WIRE TO BOARD CONNECTOR	DATE	04-Apr-12
Size	CV	Part Number	00-9176-01_700S	Issue	C



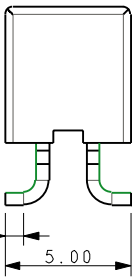
**18-24 AWG 3 WAY IDC CONNECTOR
THROUGH WIRE CAPPED IDC**



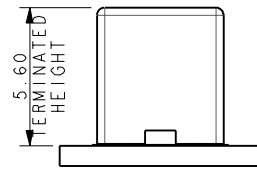
NOTES 3



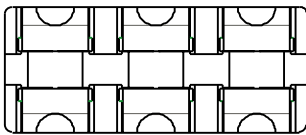
Ø 'B' TYP



ALL TAILS WITHIN 0.10 COPLANARITY TOLERANCE



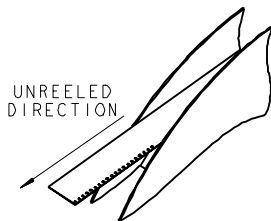
MOUNTED ON PCB



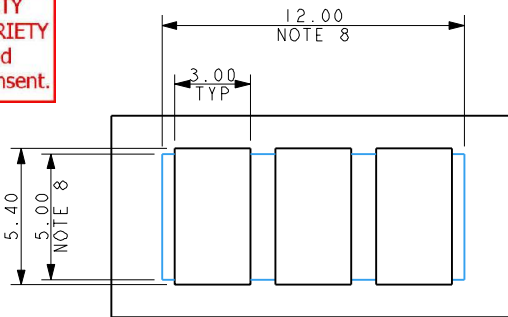
CODE	WIRE GAUGE	'A'	WIRE INSULATION	'B'
701	18AWG STRANDED	0.74	Ø 1.6-2.1	2.1
711	20AWG STRANDED	0.60	Ø 1.6-2.1	2.1
722	22AWG STRANDED	0.47	Ø 1.1-1.6	1.6
732	24AWG STRANDED	0.37	Ø 1.1-1.6	1.6

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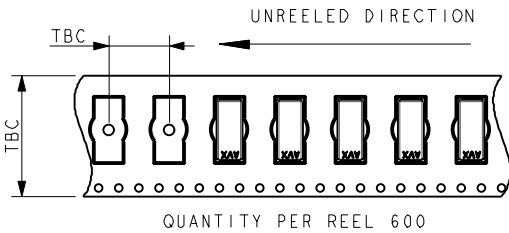
PACKING NOTES



330mm DIAMETER REEL



SUGGESTED PCB LAYOUT



QUANTITY PER REEL 600

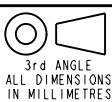
NOTES :-

- 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

Release No. 102847
 History 04.05.2012
 18.05.2012
 20.08.2012



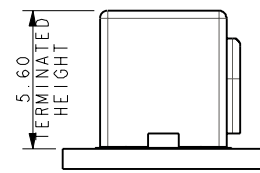
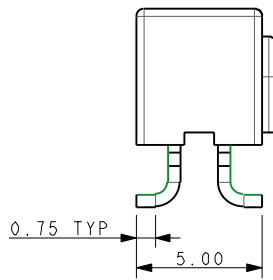
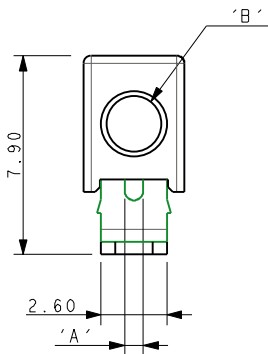
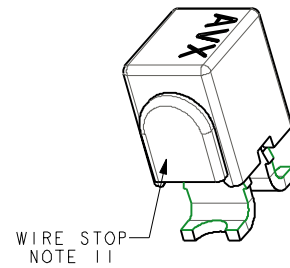
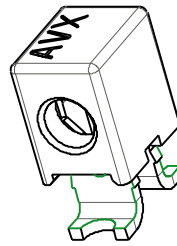
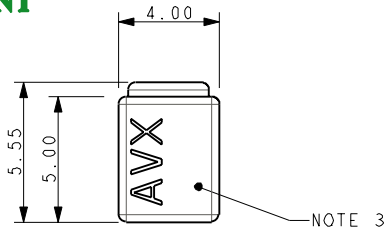
Drawn	N.C.H.	Description	18-24AWG IDC WIRE TO BOARD CONNECTOR	DATE	04-Apr-12
Size	CV	Part Number	00-9176-01_700S	Issue	C

A

B



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

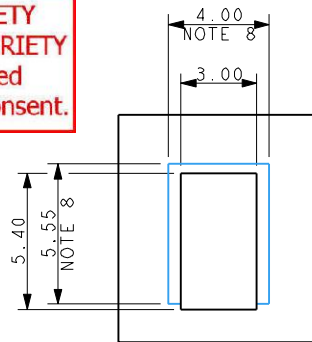
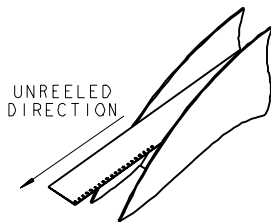


MOUNTED ON PCB

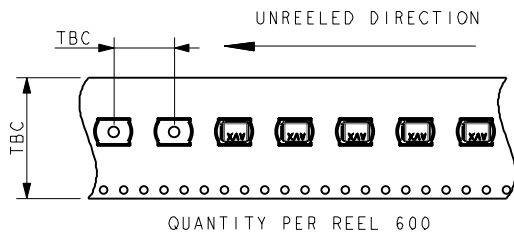
CODE	WIRE GAUGE	'A'	WIRE INSULATION	'B'
701	18AWG STRANDED	0.74	Ø 1.6-2.1	2.1
711	20AWG STRANDED	0.60	Ø 1.6-2.1	2.1
722	22AWG STRANDED	0.47	Ø 1.1-1.6	1.6
732	24AWG STRANDED	0.37	Ø 1.1-1.6	1.6

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PACKING NOTES



SUGGESTED PCB LAYOUT

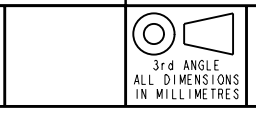


NOTES :-

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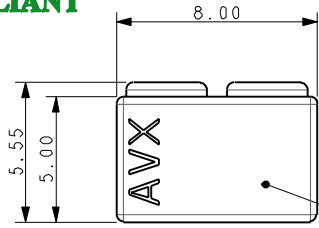
Drawn N.C.H.	Description 18-24AWG IDC WIRE TO BOARD CONNECTOR	DATE 04-Apr-12
Size CV	Part Number 00-9176-01_700S	Issue C

A

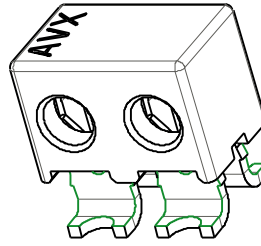
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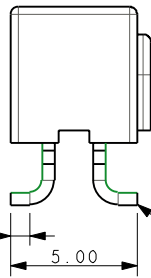
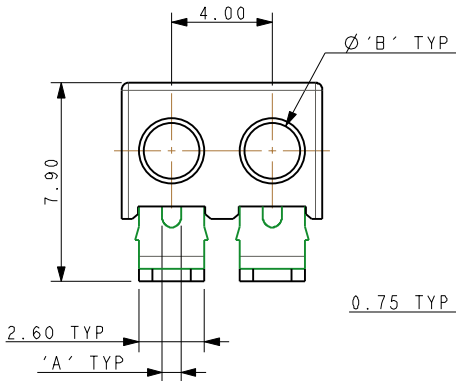
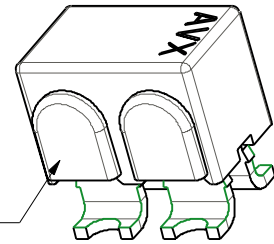
**18-24 AWG 2 WAY IDC CONNECTOR
WIRE STOP CAPPED IDC**



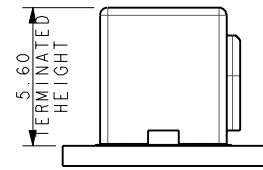
NOTE 3



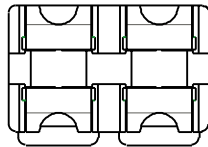
WIRE STOP
NOTE 11



ALL TAILS WITHIN
0.10 COPLANARITY
TOLERANCE



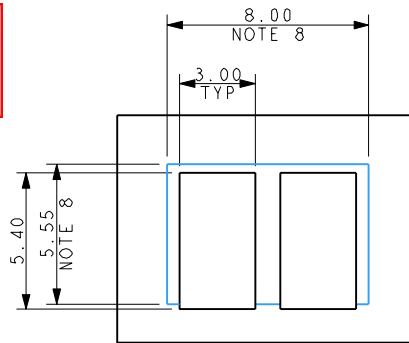
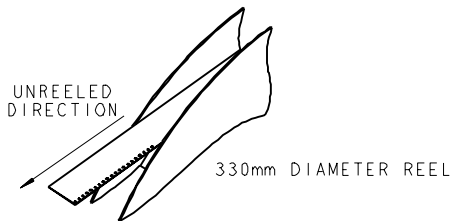
MOUNTED ON PCB



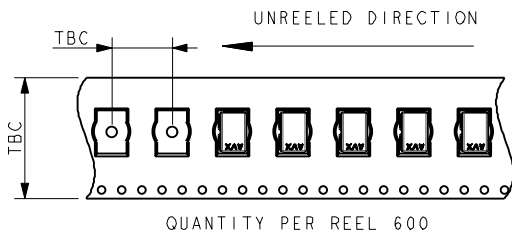
CODE	WIRE GAUGE	'A'	WIRE INSULATION	'B'
701	18AWG STRANDED	0.74	Ø 1.6-2.1	2.1
711	20AWG STRANDED	0.60	Ø 1.6-2.1	2.1
722	22AWG STRANDED	0.47	Ø 1.1-1.6	1.6
732	24AWG STRANDED	0.37	Ø 1.1-1.6	1.6

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PACKING NOTES



SUGGESTED PCB LAYOUT



NOTES :-

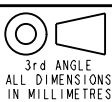
- 2 WAY CONNECTOR FOR IDC WIRE TO BOARD CONNECTION, PRE ASSEMBLED WIRE STOP CAP, CODE REFER TO SHEET 1.
- CONTACT/CAP TO MATCH 18-24AWG STRANDED WIRE, INSULATION DIAMETER RANGE AS IN TABLE.
- FLAT FACE ON TOP OF CAP TO AID PICK AND PLACE ASSEMBLY.
- FOR FULL DETAILS REFER TO ELCO SPECIFICATION 201-01-138.
- 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

FORM-106-01-056-6 ISS 7

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Release No.
History
102847
04.05.2012
18.05.2012
20.08.2012



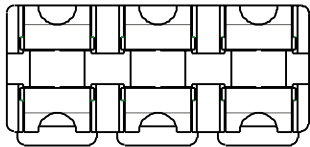
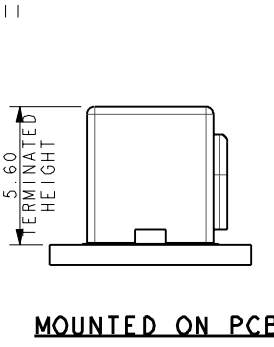
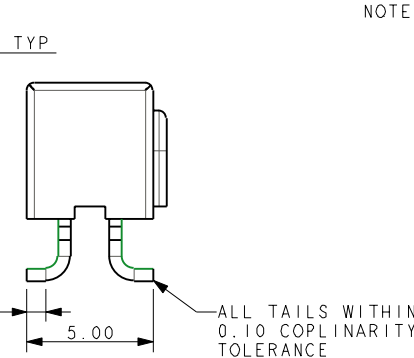
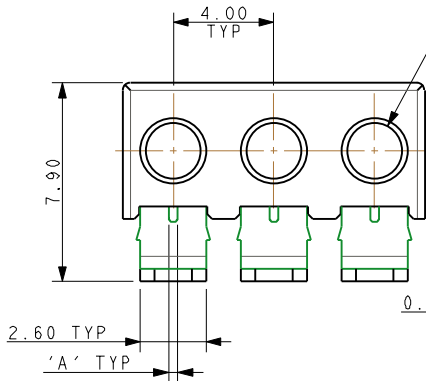
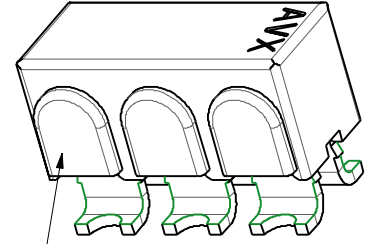
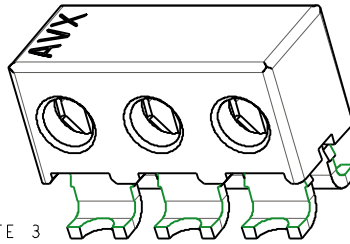
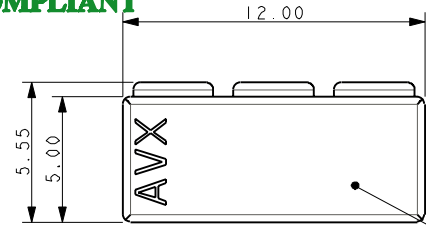
Drawn N.C.H.	Description 18-24AWG IDC WIRE TO BOARD CONNECTOR	DATE 04-Apr-12
Size CV	Part Number 00-9176-01_700S	Issue C

A

B



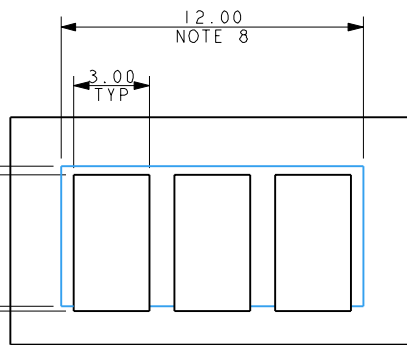
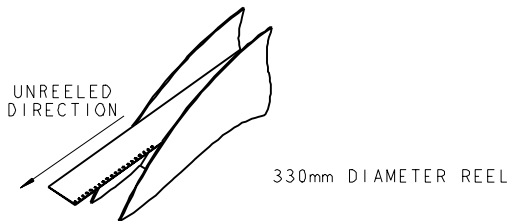
**18-24 AWG 3 WAY IDC CONNECTOR
WIRE STOP CAPPED IDC**



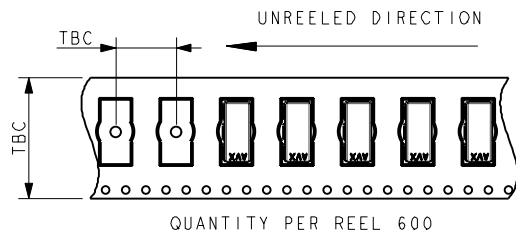
CODE	WIRE GAUGE	'A'	WIRE INSULATION	'B'
701	18AWG STRANDED	0.74	Ø 1.6-2.1	2.1
711	20AWG STRANDED	0.60	Ø 1.6-2.1	2.1
722	22AWG STRANDED	0.47	Ø 1.1-1.6	1.6
732	24AWG STRANDED	0.37	Ø 1.1-1.6	1.6

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PACKING NOTES



SUGGESTED PCB LAYOUT



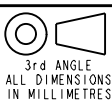
NOTES :-

- 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.

FORM-106-01-056-6 ISS 7

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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

SHEET 7 OF 8

A

B

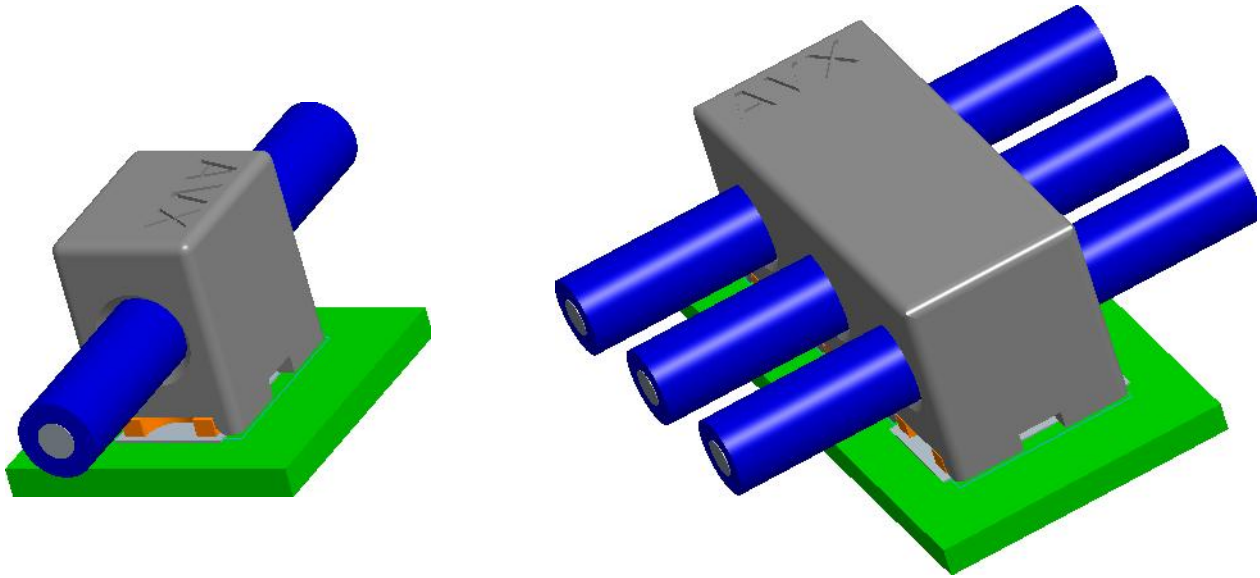
A

B

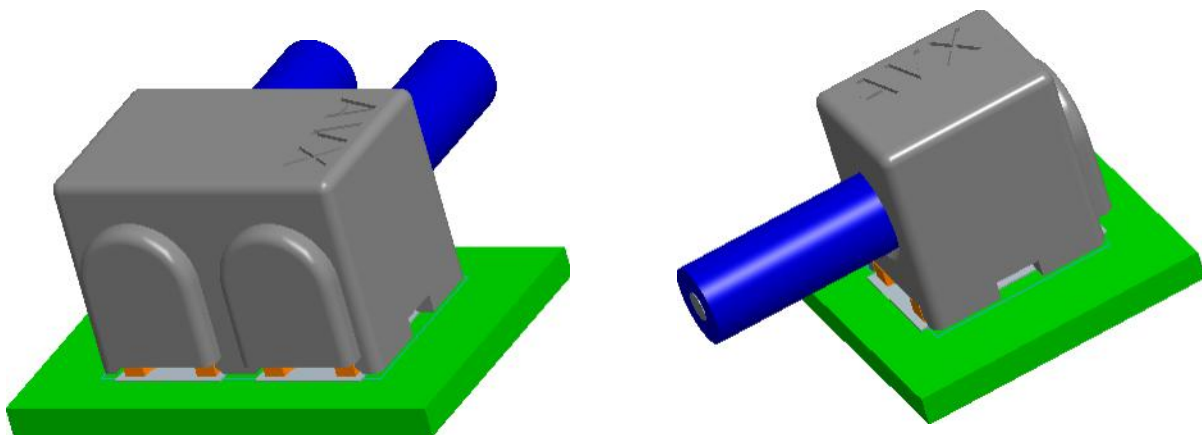


18-24 AWG ASSEMBLED CAPPED IDC CONNECTORS

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TYPICAL THROUGH WIRE ASSEMBLIES



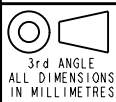
TYPICAL WIRE STOP ASSEMBLIES

FORM-106-01-036-6 ISS 7

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SHEET 8 OF 8

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 20.08.2012



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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

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Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9