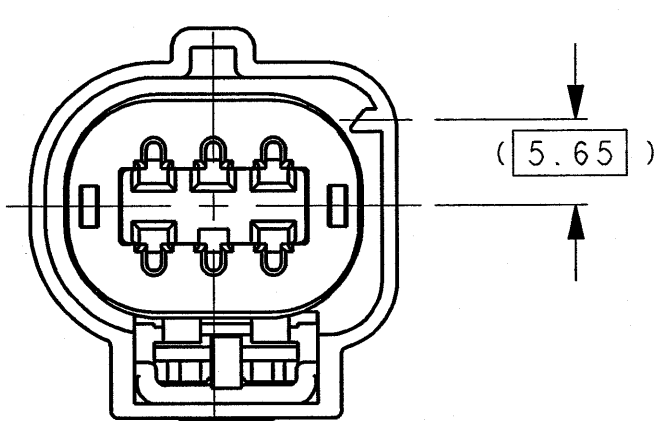
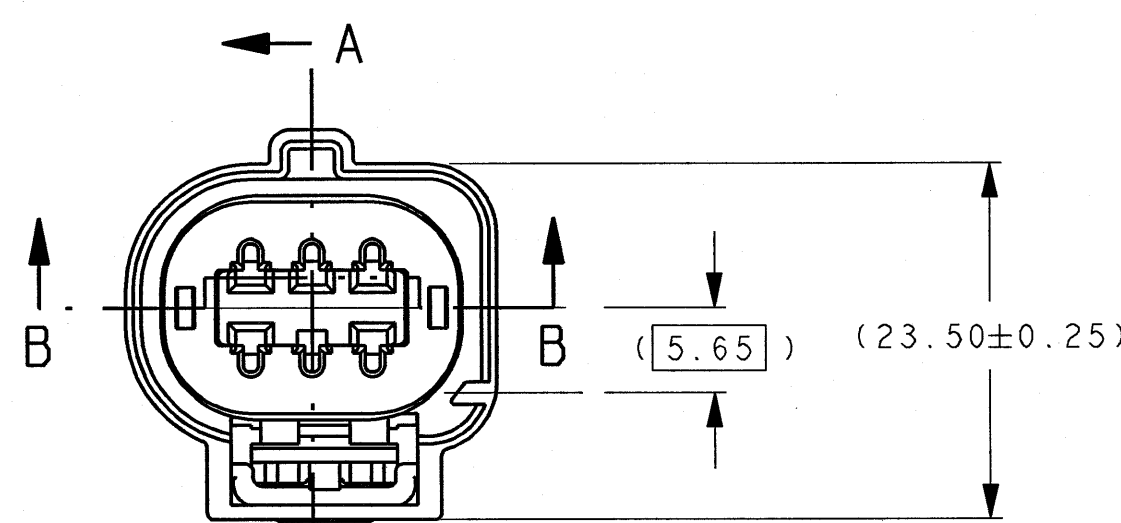
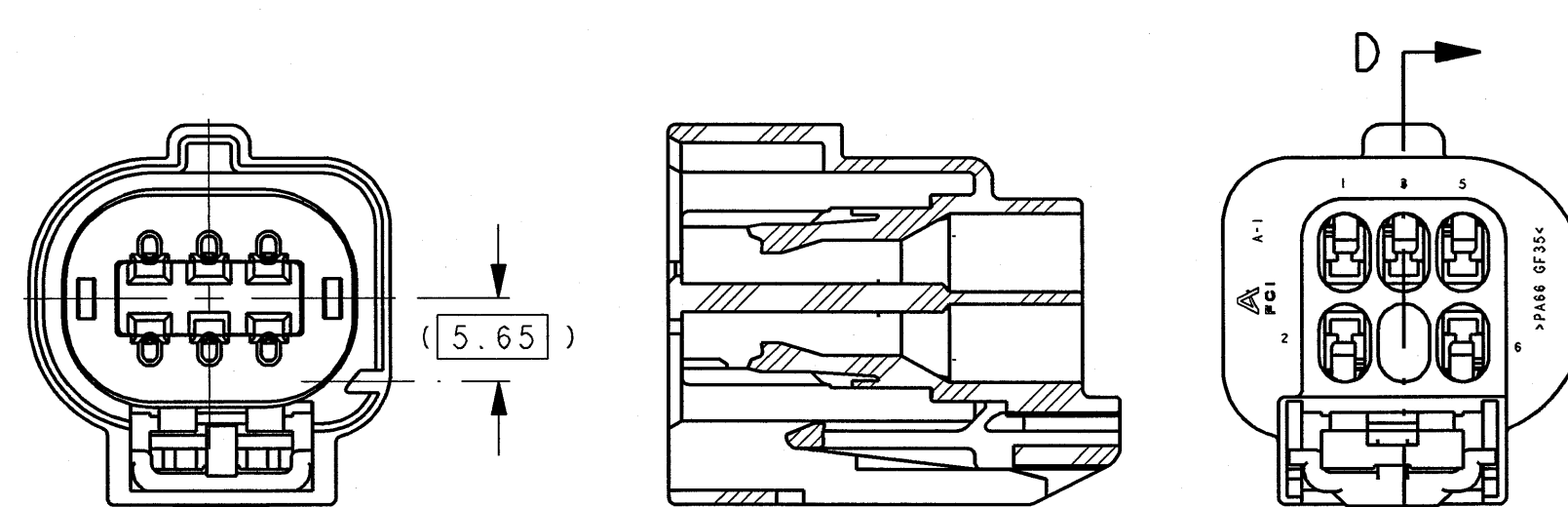
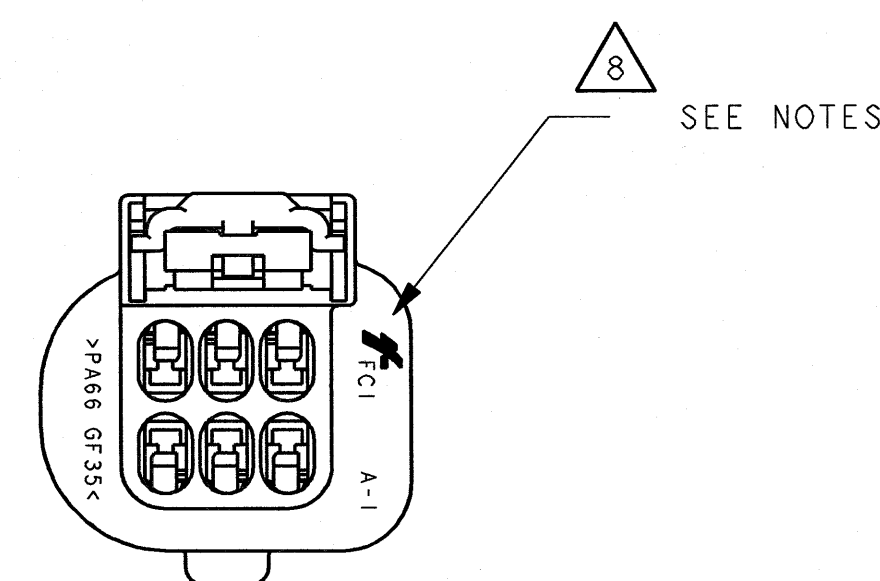
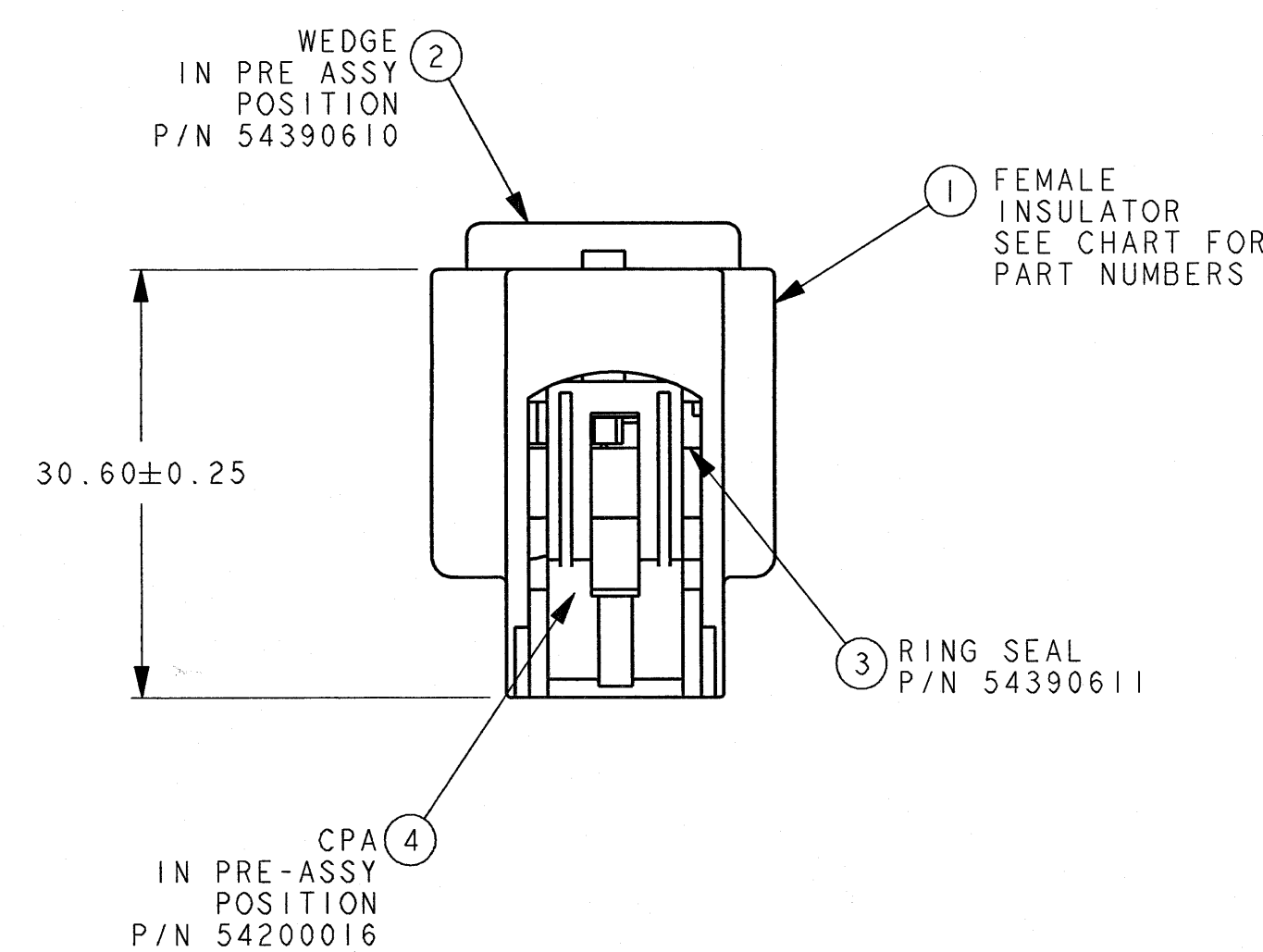




KEY TYPE "B"  
P/N 54390609

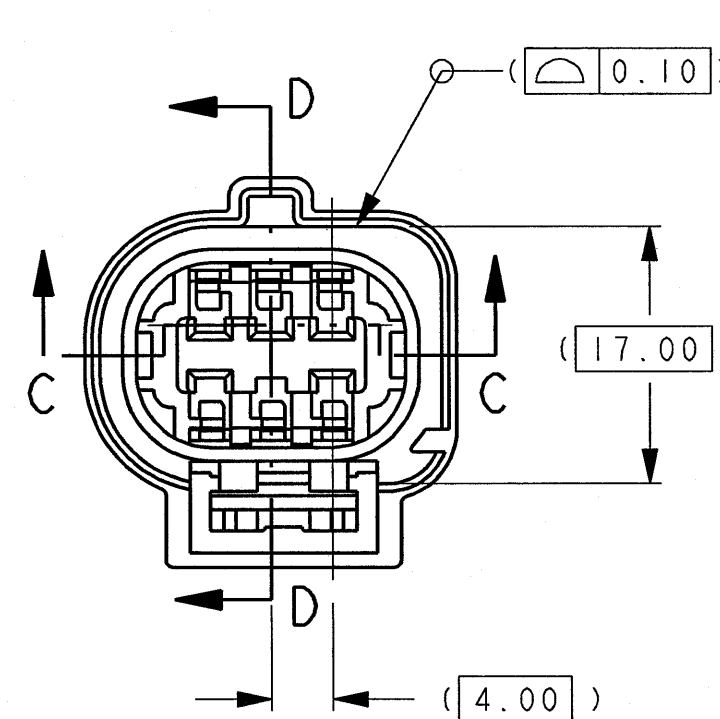


KEY TYPE "A"  
P/N 54390608

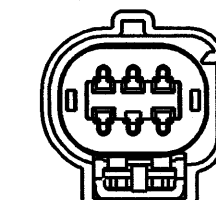


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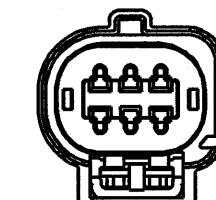
SECTION D-D



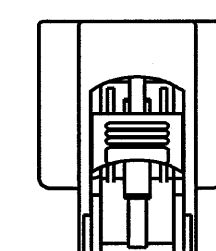
SECTION D-D



TYPE "B"

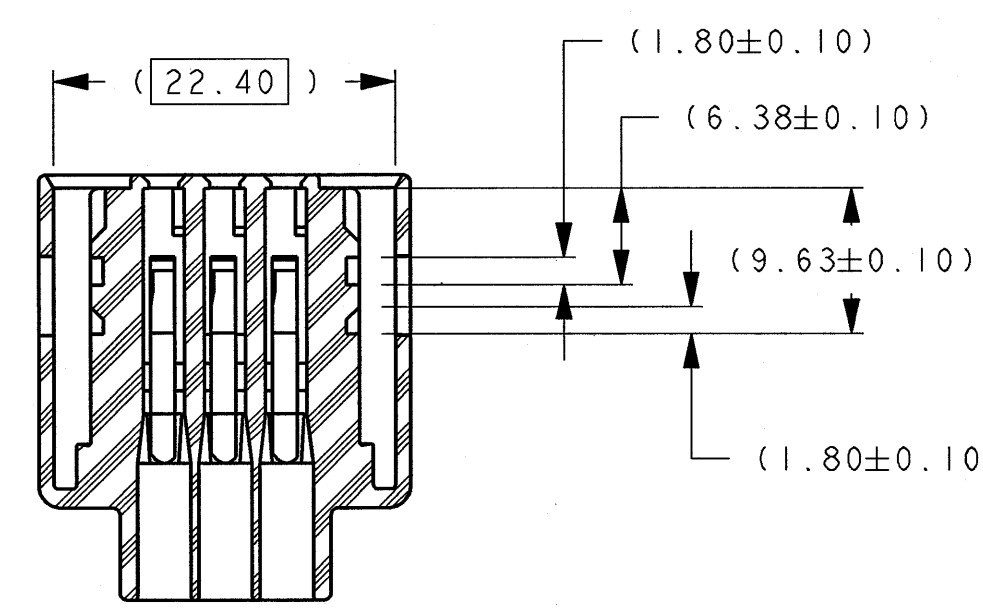


TYPE "A"



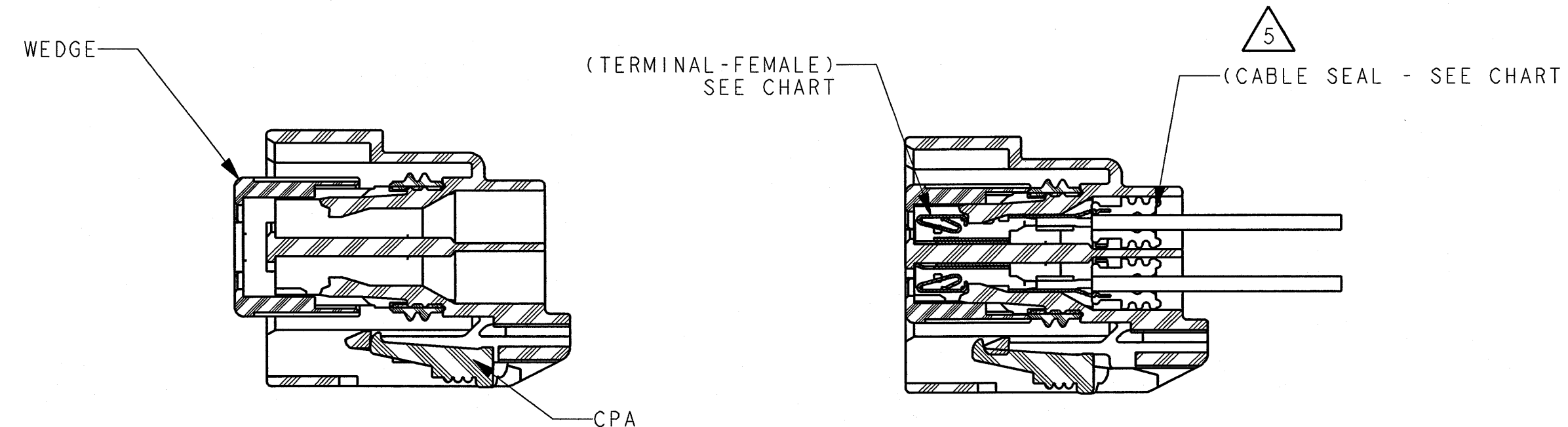
ACTUAL SIZE VIEWS

CONSTRUCTION FOR BLOCKED  
CAVITY #4 P/N 54390613



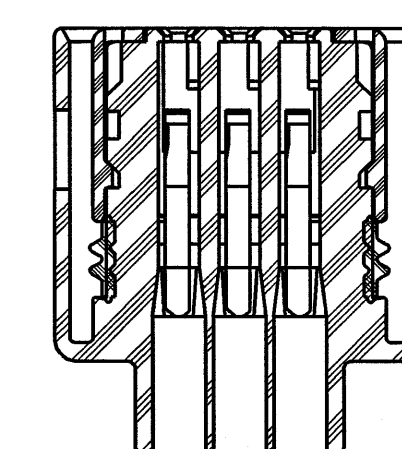
SECTION C-C

INSULATOR VIEWS  
FOR REFERENCE ONLY

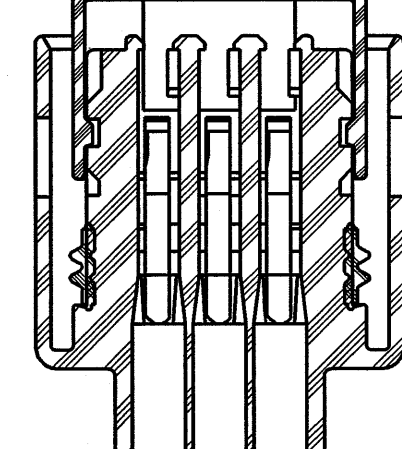


WEDGE/CPA SHOWN IN  
PRE ASSY POSITION

WEDGE/CPA SHOWN IN  
FULLY SEATED POSITION



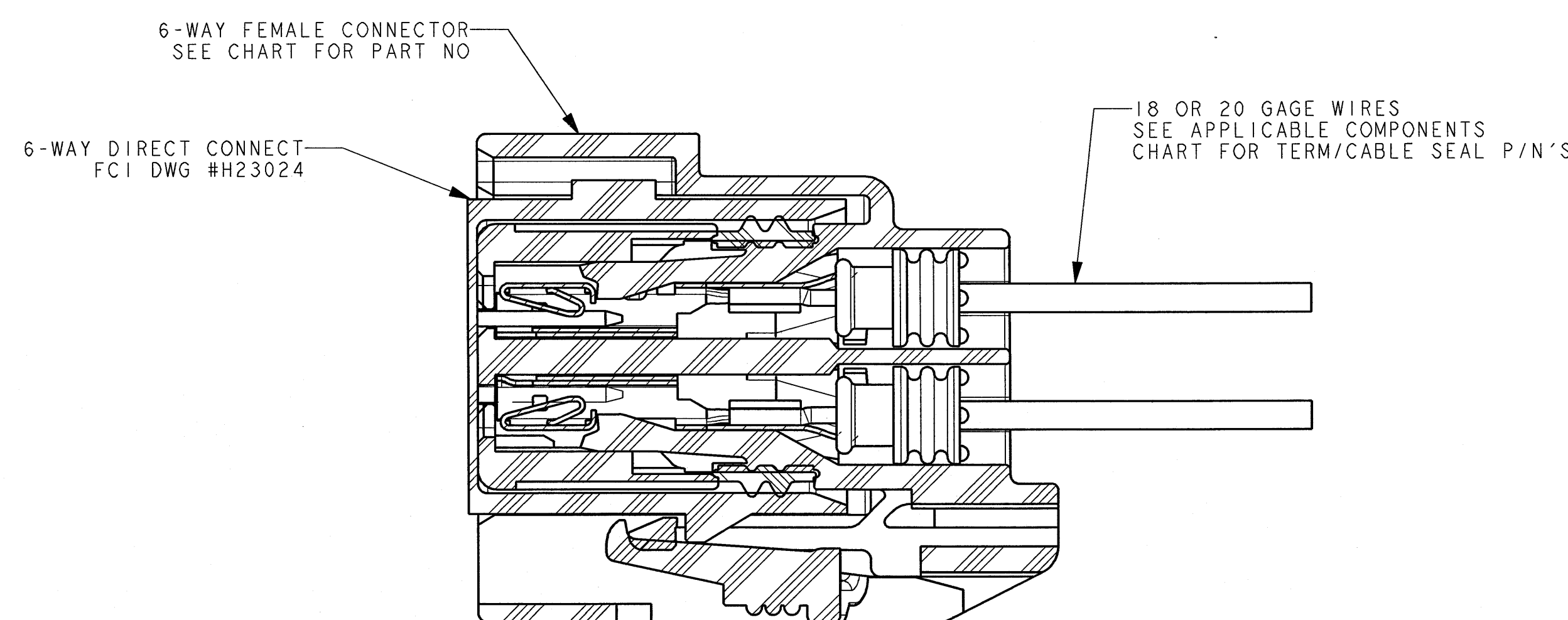
WEDGE SHOWN IN  
FULLY SEATED POSITION



WEDGE SHOWN IN  
PRE ASSY POSITION

SECTION A-A

SECTION B-B



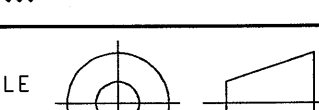
6-WAY E-GAS CONNECTOR &  
BRUSH HOLDER ASSY VIEW  
FOR REFERENCE  
SCALE 4X

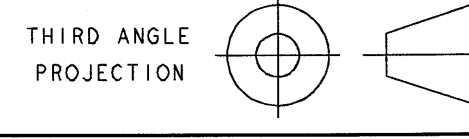
- NOTES:
- QUALITY ASSURANCE REQUIREMENTS PER DCA PS-7300: 1 SPC DATA REQUIRED FOR PROCESS PARAMETER.
  - ENGINEERING APPROVAL OF SUPPLIER SAMPLES IS REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION.
  - CHANGES IN DESIGN COMPOSITION OR PROCESSING FROM THE PART PREVIOUSLY APPROVED FOR PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL.
  - WIRING FABRICATORS MUST PURCHASE FROM SOURCES SHOWN.
  - MUST BE USED WITH 1.50MM YESC & CABLE SEALS SEE CHART FOR APPLICABLE COMPONENTS.
  - WIRE INSULATION MUST BE PER MS-8288 OR MS-9502  
MAX INSULATION CRIMP WIDTH = 3.40  
MAX INSULATION CRIMP HEIGHT = 3.70  
MAX INSULATION DIA. = 2.13 (18GA THIN WALL)  
= 1.93 (20GA THIN WALL)
  - DIRECT CONNECT DRAWING NO. H23024
  - TEST METHOD PER SAE/USCAR-2 REV 3, CONNECTOR ENGAGE & DISENGAGE WITH LATCH DEPRESSION FORCE NOT TO EXCEED 75 N. FOR THIS SYSTEM.
  - CPA PRE-STAGE TO LOCKED FORCES WITH CONNECTOR FULLY MATED - >7 N  
CPA LOCKED TO PRE-STAGE FORCES WITH CONNECTOR FULLY MATED - >5 N  
WEDGE SEATING FORCES - <70 N MAX.
  - SUPPLIER, MOLD & CAVITY I.D. SIGNIFIES TOOL OWNERSHIP, FOR REFERENCE.
  - ANNUAL QUALITY REQUIREMENTS:  
IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER FCI SPECIFICATION #AQA-001 INSTEAD OF ANNUAL LAYOUT & ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 & PF-9900
- ALL NON-REFERENCE DIMENSIONS ARE REQUIRED
- USE INDEX A, BLACK SEALED AND UNSEALED FOR ALL AFFECTED INSULATOR CAVITIES
  - CURRENT PRODUCTION TOOLING
  - POINT OF LAST RUN
- SERVICE TOOLING GUIDE INFORMATION PER APEX TRAINING MANUAL
- MUST CONFORM TO THE FOLLOWING DCA/YNA STANDARDS:
- SAE/USCAR-2 REV 3 PERFORMANCE REQUIREMENTS  
PS-7300 QUALITY ASSURANCE (DCA)  
PS-4480-CEK-4 (DCA) PART I.D., (G-009-2 YNA)  
PS-9065 REGROUND (DCA), (G-009-3 YNA)  
PS-9227 DATA EXCHANGE (DCA), (G-009-7 YNA)  
PS-10052 INFORMATION SECURITY (DCA)  
MS-8288 125 C WIRE  
MS-9502 150 C WIRE

| APPLICABLE COMPONENTS    |           |                                  |                           |       |                               |       |
|--------------------------|-----------|----------------------------------|---------------------------|-------|-------------------------------|-------|
| TERMINAL 1.5 YESC SEALED |           |                                  | CABLE SEAL (SILICONE) LCS |       | OPTIONAL CABLE SEAL NON-USCAR |       |
| PART NO.                 | PLATING   | WIRE GAGE PER MS-8288 OR MS-9502 | PART NO.                  | COLOR | PART NO.                      | COLOR |
| 7116-4102-02             | TIN (SN)  | 20GA                             | 54700040                  | GREEN | E-1644-01                     | PINK  |
| 7116-4103-02             | TIN (SN)  | 18GA                             | 54700040                  | GREEN | E-1644-00                     | GREEN |
| 7116-4102-08             | GOLD (AU) | 20GA                             | 54700040                  | GREEN | E-1644-01                     | PINK  |
| 7116-4102-08             | GOLD (AU) | 18GA                             | 54700040                  | GREEN | E-1644-00                     | GREEN |

| SEALED ASSY NO. |          | REQ'D |   | ITEM |   | FCI NO.                                |   | PART NAME (COLOR-MATERIAL)                                              |  |
|-----------------|----------|-------|---|------|---|----------------------------------------|---|-------------------------------------------------------------------------|--|
| 54390607        | 54390612 | 1     | 1 | 1    | 1 | 54390614                               | 1 | FEMALE INSULATOR KEY TYPE "A", CAVITY 4 FLASHED (DK GREY-NYLON 66 GF35) |  |
| 54390613        | 54390613 | 1     | 1 | 1    | 1 | 54390608                               | 1 | FEMALE INSULATOR KEY TYPE "A" (BLK-NYLON 66 GF35)                       |  |
|                 |          | 1     | 1 | 1    | 1 | 54390609                               | 1 | FEMALE INSULATOR KEY TYPE "B" (LT GREY-NYLON 66 GF35)                   |  |
|                 |          | 1     | 1 | 1    | 1 | 54390610                               | 1 | WEDGE (ROYAL BLUE-NYLON 66 GF35)                                        |  |
|                 |          | 1     | 1 | 1    | 1 | 54390611                               | 1 | RING SEAL (BRT RED-SILICONE "A" 30)                                     |  |
|                 |          | 1     | 1 | 1    | 1 | 54200016                               | 1 | CPA (RED-NYLON 66 GF35)                                                 |  |
| 3               | 3        | 3     | 3 | 3    | 3 | TEMPERATURE CLASS PER USCAR - 2 REV 3. |   |                                                                         |  |

|                    |             |          |     |                |
|--------------------|-------------|----------|-----|----------------|
| CHARTED            |             |          |     | H25000         |
| PART NUMBER F.C.I. | PART NUMBER | REV DATE | REV | DRAWING NUMBER |
|                    |             |          |     | CUSTOMER       |

|                                                             |      |                    |                                                                                       |                                                                                                                                                                                                                                                              |       |          |
|-------------------------------------------------------------|------|--------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------|
| -                                                           | 8026 | F1                 | UPDATED NOTES                                                                         | 09/12/05                                                                                                                                                                                                                                                     | JP    | JP       |
| E1                                                          | 7608 | F                  | ADD A NEW PART NO. 54390613                                                           | 03/30/05                                                                                                                                                                                                                                                     | RP    | JP       |
| E6                                                          |      |                    | ADD A NEW VIEW PART NO. 54390613                                                      |                                                                                                                                                                                                                                                              |       |          |
| -                                                           | 7162 | E                  | REVISED & REDRAWN IN PROVE RING SEAL LEAD IN ADDED                                    | 2/08/05                                                                                                                                                                                                                                                      | S R   | S R      |
| ZONE                                                        | ECN  | LET                | REVISION RECORD                                                                       | DATE                                                                                                                                                                                                                                                         | D N   | C H      |
| LAST INSP CODE                                              |      |                    |                                                                                       |                                                                                                                                                                                                                                                              |       |          |
| LAST TOOL CODE                                              |      |                    |                                                                                       |                                                                                                                                                                                                                                                              |       |          |
| LAST SEC D                                                  |      |                    |                                                                                       |                                                                                                                                                                                                                                                              |       |          |
| LAST DATUM                                                  |      |                    |                                                                                       |                                                                                                                                                                                                                                                              |       |          |
|                                                             |      |                    |  | THIS DRAWING, DESIGN AND ALL OTHER INFORMATION CONTAINED HEREIN IS PROPRIETARY AND THE PROPERTY OF FCI. This drawing may not be copied, reproduced or otherwise used by any third party without the expressed written permission of FCI.<br>© FCI April 1995 |       |          |
|                                                             |      |                    |                                                                                       | THIRD ANGLE<br>PROJECTION                                                                                                                                                                                                                                    |       |          |
|                                                             |      |                    |  |                                                                                                                                                                                                                                                              |       |          |
| <b>FCI 1770 Marie Street Westfield, Michigan 48185-3233</b> |      |                    |                                                                                       |                                                                                                                                                                                                                                                              |       |          |
| UNLESS OTHERWISE SPECIFIED                                  |      |                    | STANDARD                                                                              | GOPALAKRISHNAN                                                                                                                                                                                                                                               | DATE: | 04-24-05 |
| DIMENSIONS IN mm                                            |      |                    | CHECK                                                                                 | SUCHA S. SIAN                                                                                                                                                                                                                                                | DATE: | -        |
| PLACE DIM $\pm$ 0.25<br>IN ANGLUAR DIM $\pm$ 0.10           |      |                    | INSP                                                                                  | SUCHA S. SIAN                                                                                                                                                                                                                                                | DATE: | -        |
| DO NOT SCALE DRAWING                                        |      |                    | PPPR:                                                                                 | DATE:                                                                                                                                                                                                                                                        | -     | -        |
| MATERIAL: SEE CHART                                         |      |                    | SCALE: 2x & NOTED                                                                     |                                                                                                                                                                                                                                                              |       |          |
| REFERENCE: ESR #5883                                        |      |                    |                                                                                       |                                                                                                                                                                                                                                                              |       |          |
| THIS IS A COMPUTER AIDED DESIGN DRAWING                     |      |                    |                                                                                       | SYSTEM: PRO/E                                                                                                                                                                                                                                                |       |          |
| CAD ID NO. : H25000                                         |      | FILE NAME: H25000  |                                                                                       |                                                                                                                                                                                                                                                              |       |          |
| NAME: ASSEMBLY 6-WAY FEMALE EGAS                            |      | DRAWING NO. H25000 |                                                                                       | REV. F1                                                                                                                                                                                                                                                      |       |          |
| [1.50mm YESC SEALED]                                        |      |                    |                                                                                       | SHEET 1 OF 1                                                                                                                                                                                                                                                 |       |          |



THIRD ANGLE PROJECTION

FCI 1770 Marie Street Westland, Michigan 48185-3233

UNLESS OTHERWISE SPECIFIED

DRAWN: J. J. GOFALKAR/SHAW DATE: 04-24-02

CHECK: J. J. GOFALKAR/SHAW DATE: 04-24-02

INCH DIM ± 0.25

PLACE DIM ± 0.10

ANGULAR DIM ± 2°

DO NOT SCALE DRAWING

SCALE: 2x & NOTED

SYSTEM: PRO/E

REV: F1

TOOL NO.: A-113

A



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

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