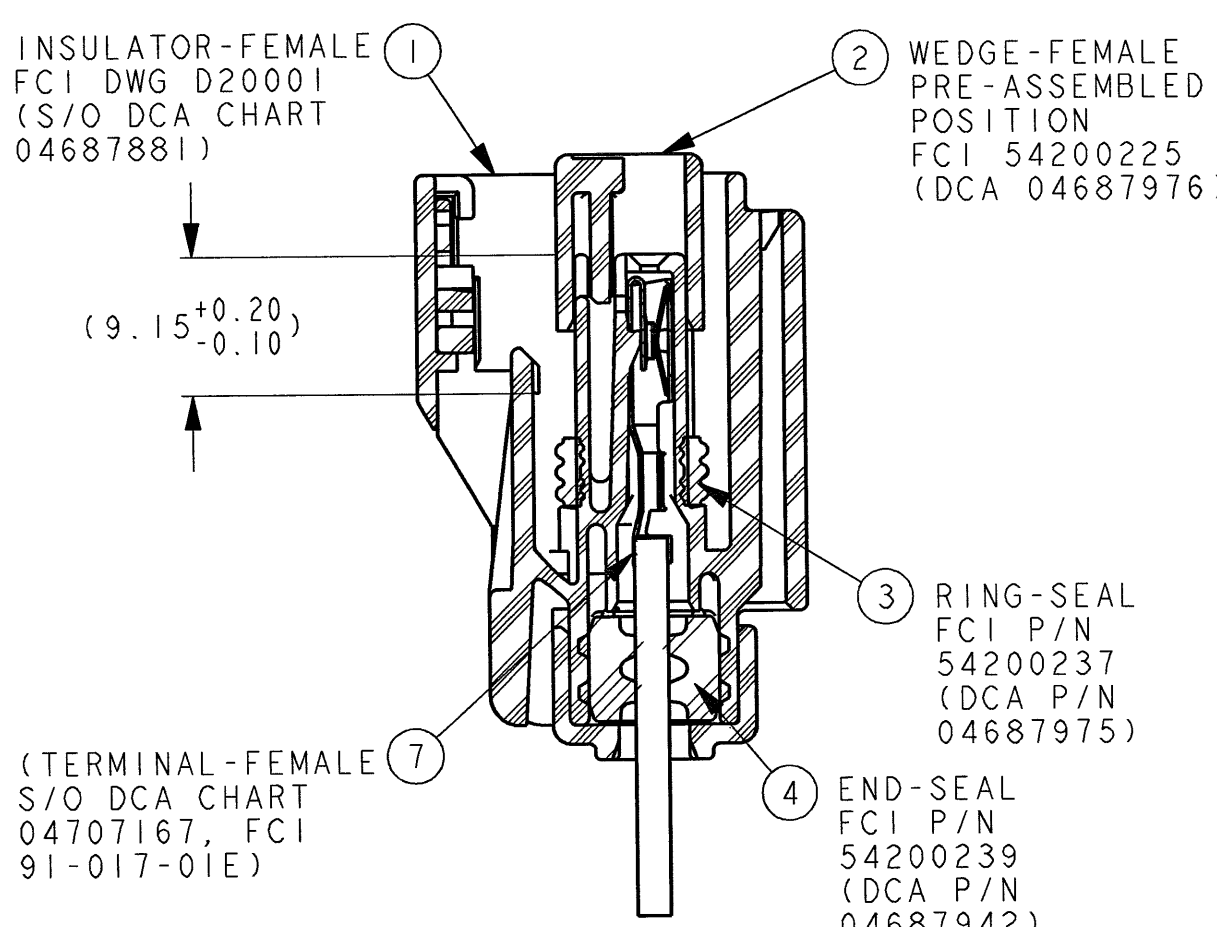
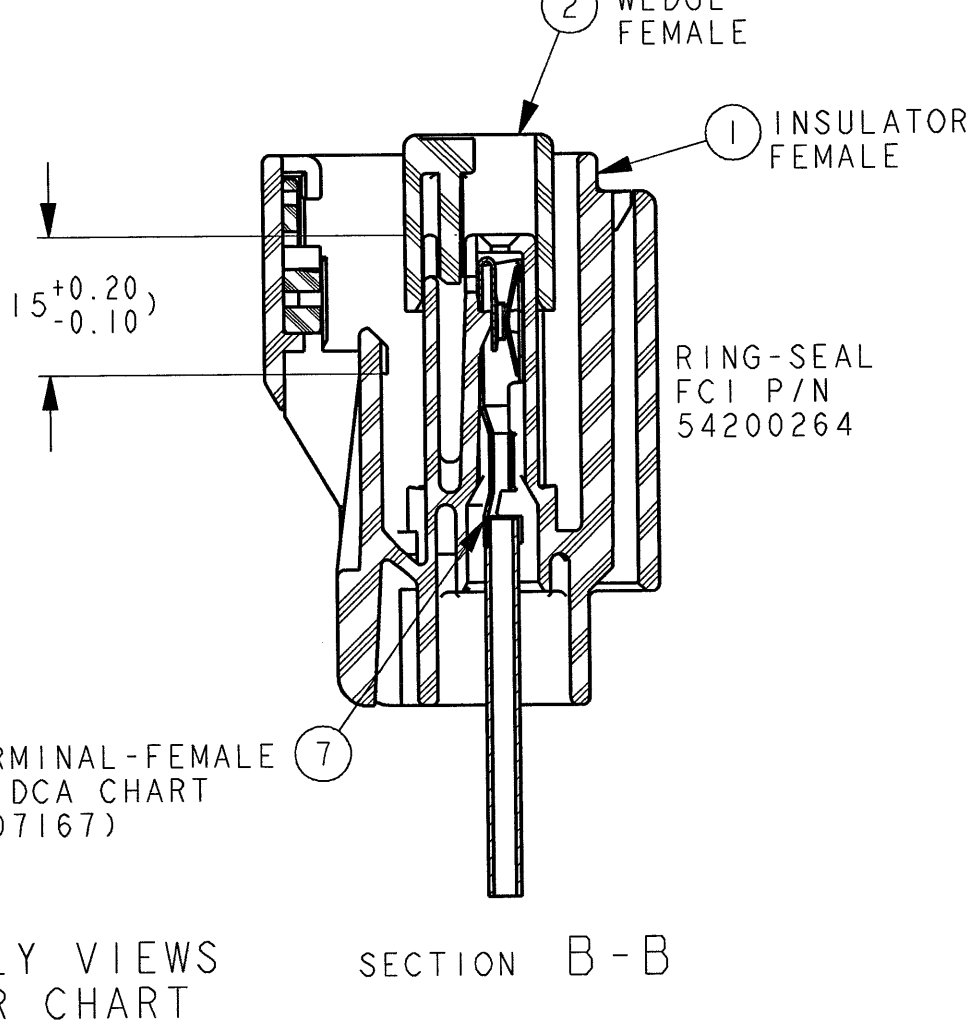
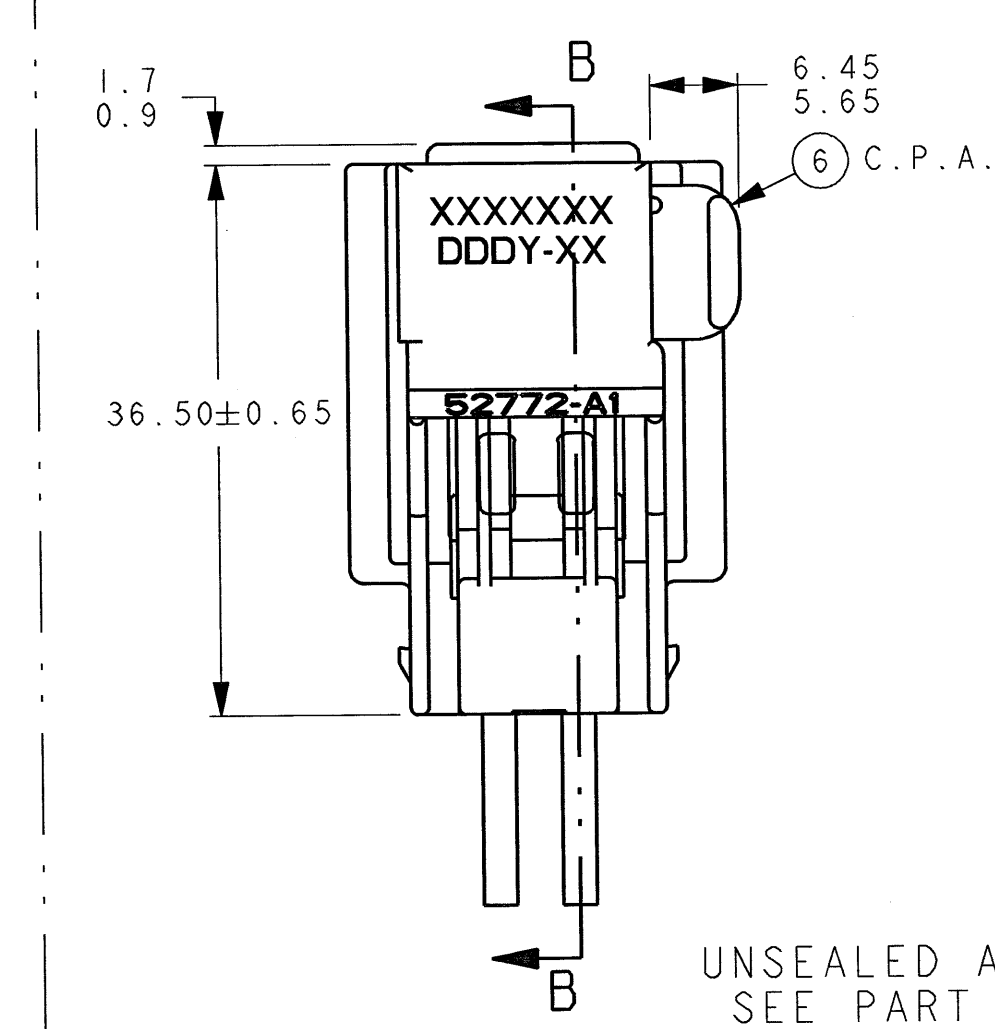
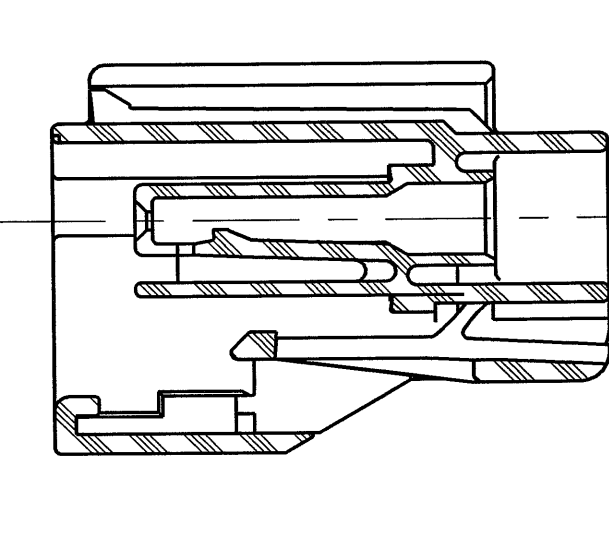
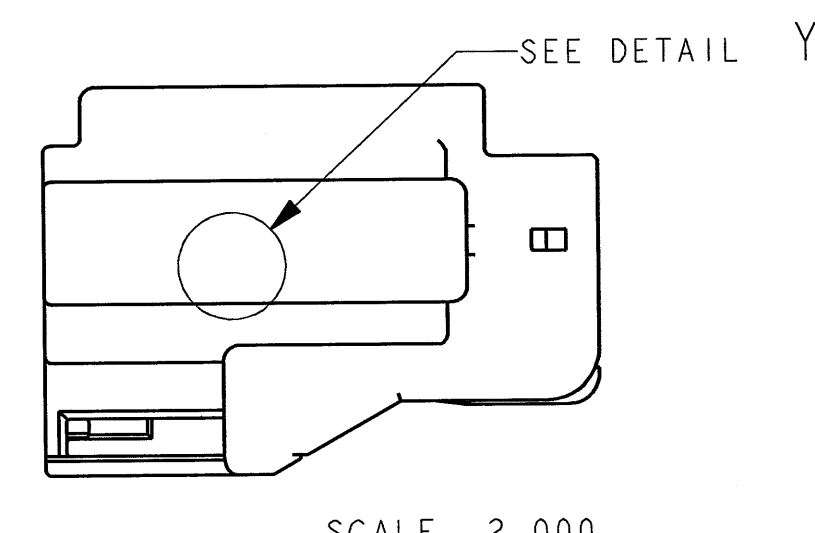
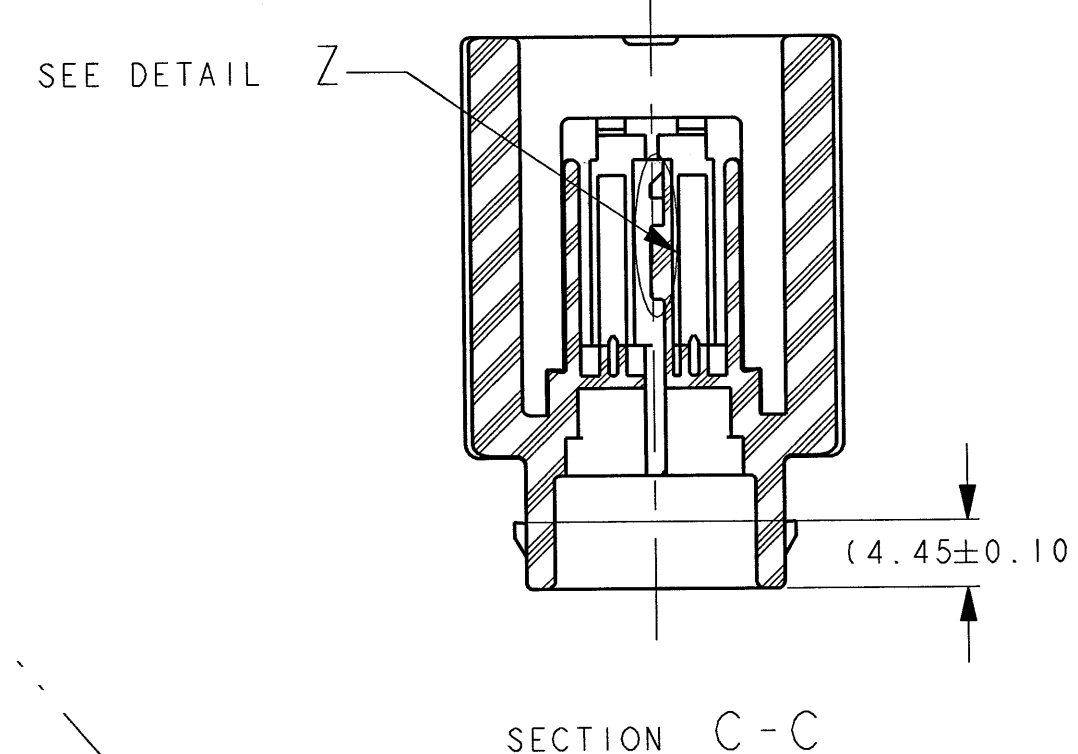
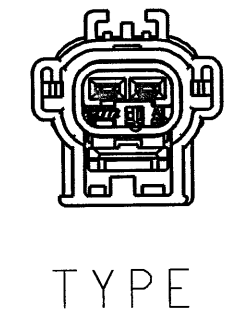
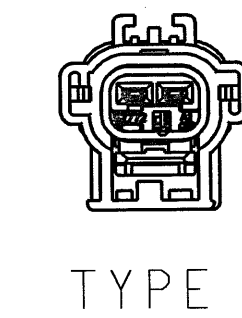
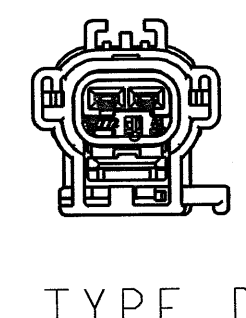
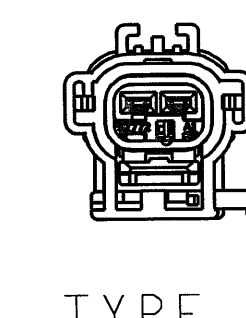
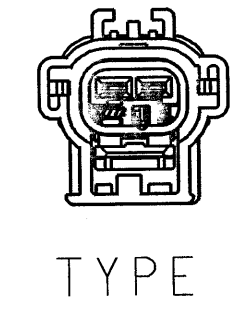
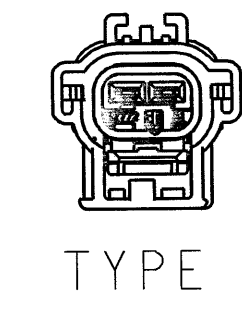
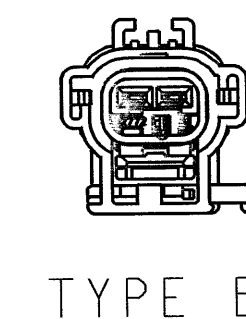
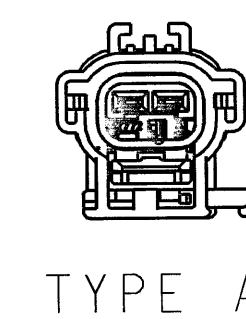
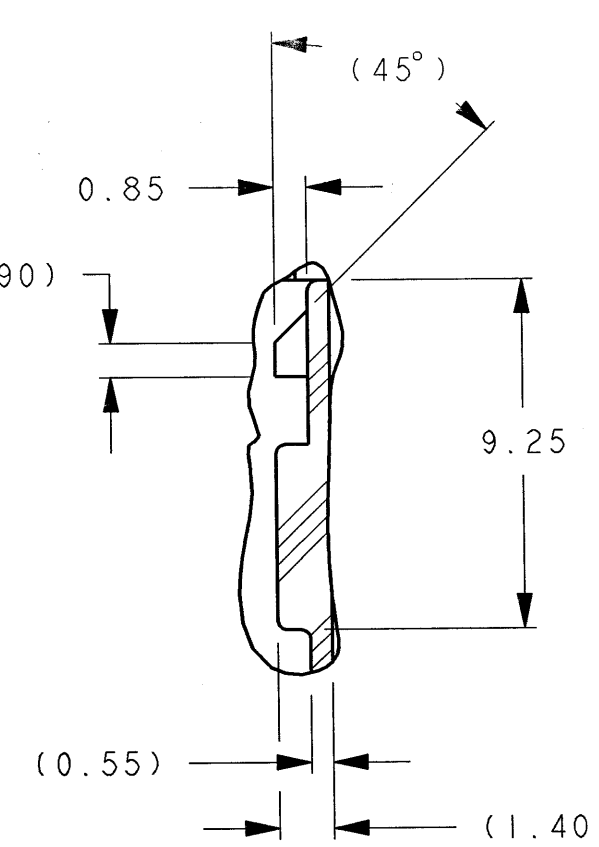
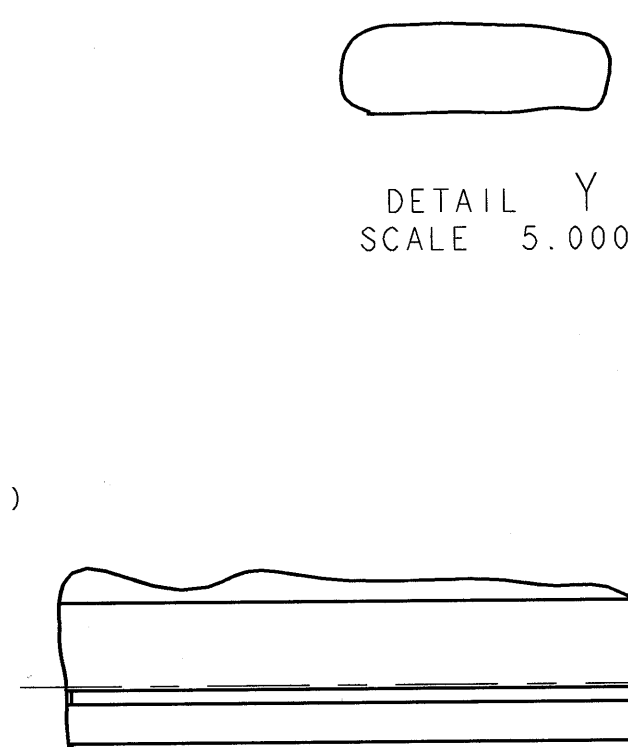
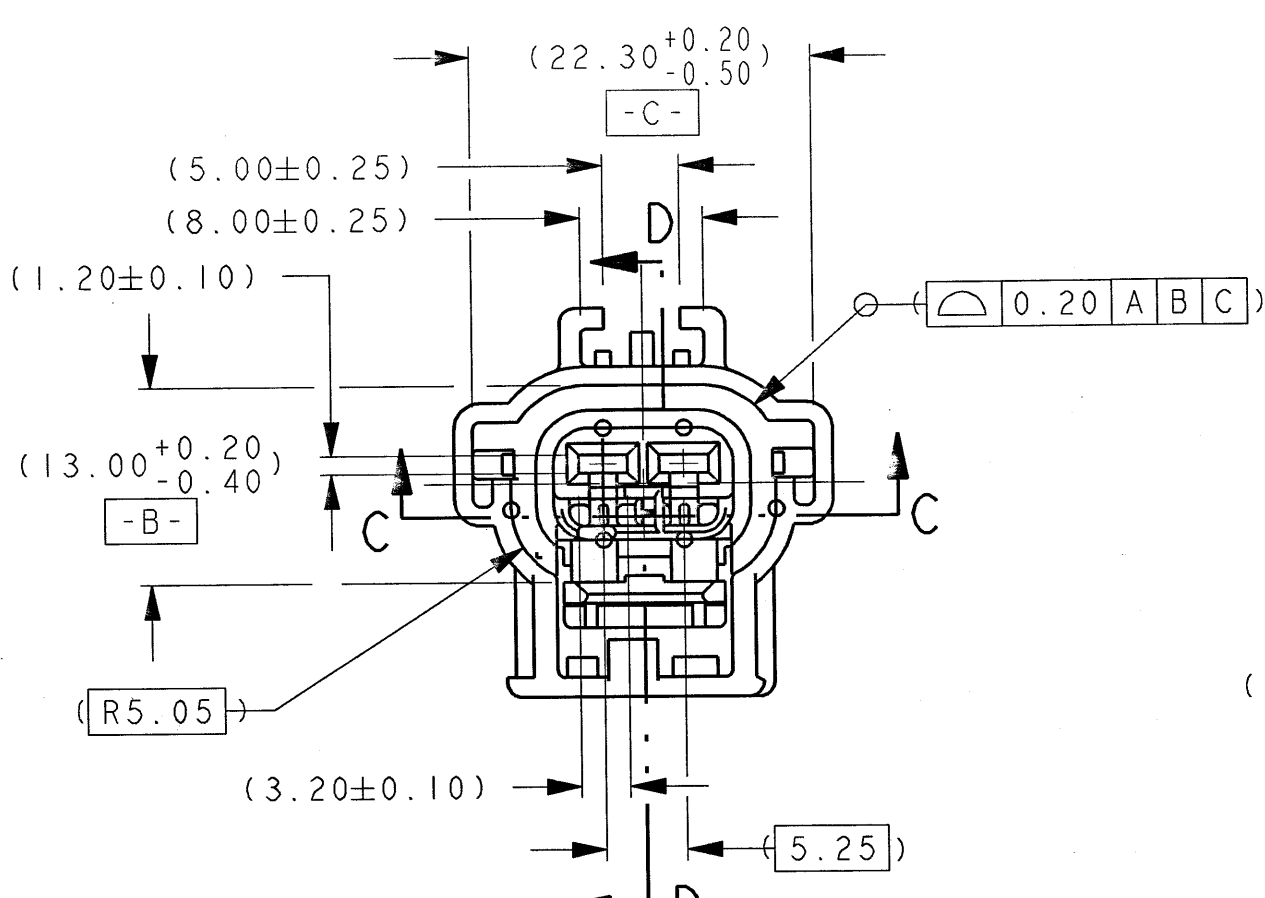
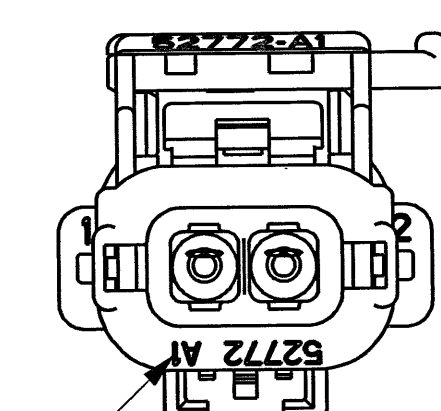
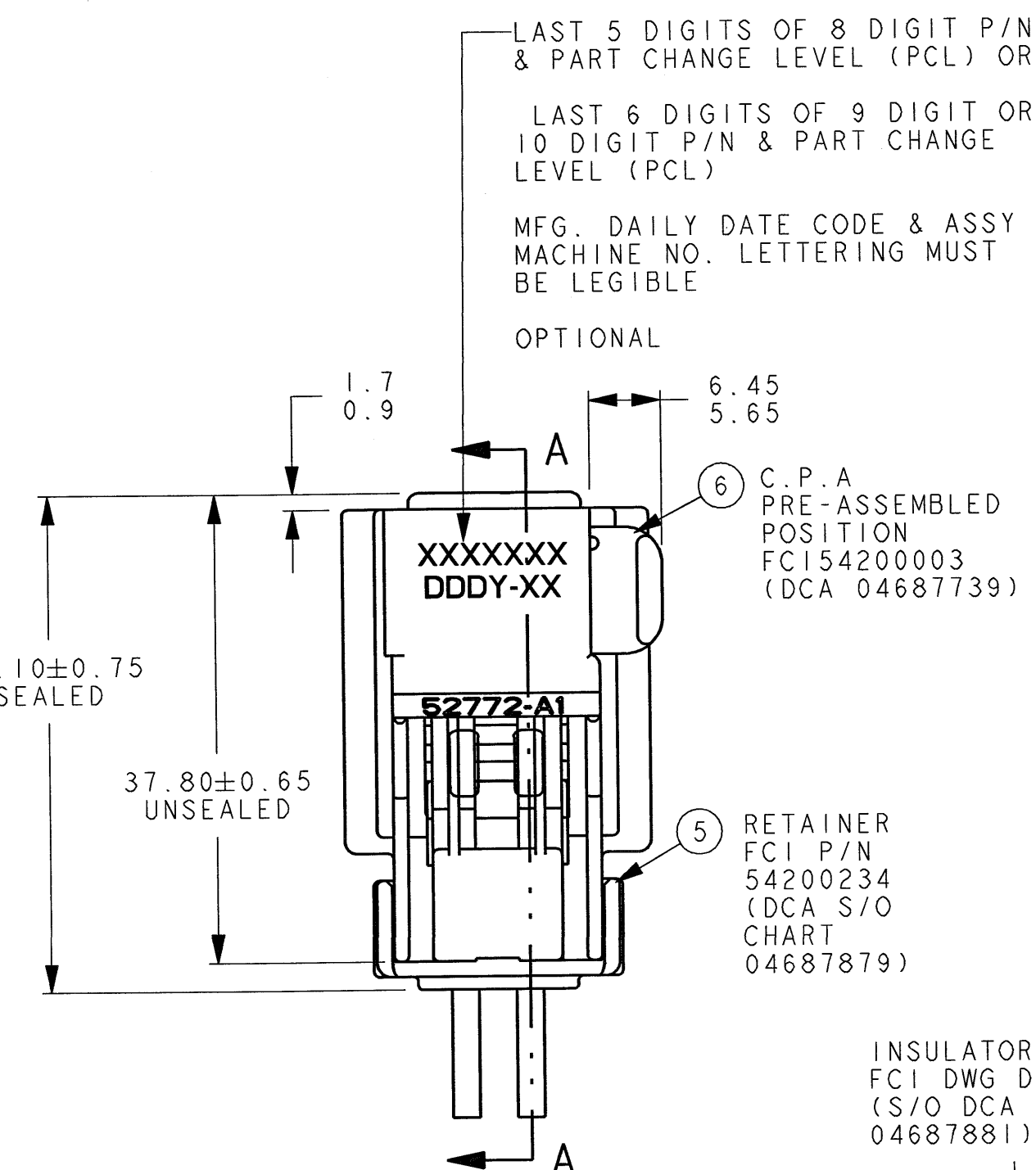
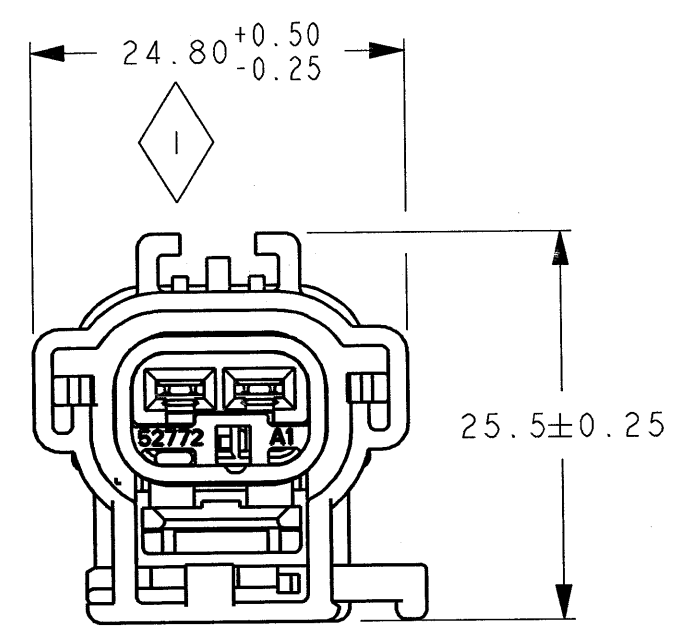
[illegible]

CHART - ASSEMBLY PART NUMBERS									
SEALED									
					SEALS APPLICATION FCI P/N'S 7263-8377-10 54200250 7263-8377-60 54200200 54200260 54200261 54200262				
(CLASS 3)					(CLASS 4)				
ITEM	FCI NO.	(DCA NO.)	COLOR	PART NAME (MATERIAL)	INDEX	FCI NO.	COLOR	ITEM	REQUIRED
①	54200227	04687793	BLACK	INSULATOR NYLON	A	54200255	BLACK	①	I
①	54200231	*91012136	LT GREEN	INSULATOR NYLON	A	55200201	DK GREEN	①	I I I
①	54200228	04687944	LT GREY	INSULATOR NYLON	B	54200256	DK BLUE	①	I I
①	54200229	04687945	DK GREY	INSULATOR NYLON	C	54200257	DK BROWN	①	I
①	54200230	04687946	NATURAL	INSULATOR NYLON	D	54200258	TAN	①	
②	54200225	04687976	ROYAL BLUE	WEDGE NYLON		54200281	NATURAL	②	I I I I I
③	54200237	04687975	RED	RING SEAL SILICONE					
③	54200264	N/A	DK GREEN	RING SEAL FL SILICONE					
③	54200238	*91012137	DK BLUE	RING SEAL SILICONE		54200238	DK BLUE	③	I I I I I
④	54200239	04687942	LT BLUE	END SEAL SILICONE					
④	54200240	*91012138	LT GREEN	LT END SEAL SILICONE		54200240	LT GREEN	④	I I I I I
④	54200241	04687943	BURNT ORANGE	END SEAL SILICONE					
⑤	54200234	04687938	BLACK	RETAINER NYLON		54200271	NATURAL	⑤	I I I I I
⑥	54200003	04687739	RED	CPA LATCH NYLON		54200008	NATURAL	⑥	I I I I I
3 CONNECTOR ASSEMBLY TEMPERATURE CLASS PER PF-9600									4 4 4 4 4
PART CHANGE LEVEL (PCL) (LATCH OPTION #2)									S S S T T

-	-	-	-	-
PART NUMBER F.C.I.	PART NUMBER	REV DATE	REV	DRAWING NUMBER
	CUSTOMER			

[illegible]

NOTES:

1. QUALITY ASSURANCE REQUIREMENTS PER DCA PS-7300: 1 SPEC DATA REQUIRED.

2. ENGINEERING APPROVAL OF SUPPLIER SAMPLES IS REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION.

3. CHANGES IN DESIGN COMPOSITION OR PROCESSING FROM THE PART PREVIOUSLY APPROVED FOR PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL.

4. WIRING FABRICATORS MUST PURCHASE FROM SOURCES SHOWN.

5. ALL THE SEALED CONNECTOR APPLICATIONS MUST BE USED WITH DCA WIRE SPEC. MS-8288 OR MS-9502 THIN WALL X-LINK ONLY

A- ASSEMBLIES WITH FCI P/N 54200238 OR 54200240 END SEAL MUST BE USED WITH 20 THRU 14 GAGR WIRES (INS. Ø1.70 MIN - Ø2.7 MAX)

B- ASSEMBLIES WITH FCI P/N 54200241 END SEAL MUST BE USED WITH 20 OR 10 GAGE WIRES (INS. Ø3.07 MIN - Ø4.09 MAX)

6. FCI P/N'S 54200238 RING SEAL & 54200240 END SEAL BAKED AT 450°F FOR 5 HOURS

7. ALL NON-SEALED APPLICATIONS MAY BE USED WITH ANY WIRE INSULATION 22 GAGE THRU 10 GAGE (EXCEPT AS NOTED) PROVIDING THAT A TERMINAL GRIP FOR THAT CORE/INSULATION COMBINATION IS SHOWN ON THE FEMALE TERMINAL DRAWING

MAX. INSULATION CRIMP WIDTH = 4.50
MAX. INSULATION CRIMP HEIGHT = 4.50
MAX. INSULATION DIA = 4.09 (10 GAGE THIN WALL)

8. USE WITH CAVITY PLUG FCI P/N 54200005 (DCA P/N 56038308) WHEN REQ'D USE WITH DOUBLE X-MASS TREE CLIP DCA P/N 04707091 WHEN REQUIRED USE WITH SINGLE X-MASS TREE CLIP DCA P/N 04625797 WHEN REQUIRED

9. DIRECT CONNECT DRAWING NO. 04707027

10. TEST METHOD PER DCA PERFORMANCE SPEC# PF-9600, CONNECTOR ENDS & DISENGAGE WITH LATCH DEPRESSIONED FORCE NOT TO EXCEED 75 N.F. FOR THIS

CPA SEATING FORCES - 40 N. MAX
WEDGE SEATING FORCES - 100 N. MAX
X-MAS TREE CLIP INSERTION FORCES - 75 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-9000

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

- 1. **** FCI P/N 54200259 NOT PRODUCED USE FCI P/N 5520020**
- 2. **MUST CONFORM TO THE FOLLOWING DCA/YNA STANDARDS:**
 - PF-9600 PERFORMANCE (DCA) EXCEPT AS NOTED ABOVE
 - VS-7300 QUALITY ASSURANCE (DCA)
 - VS-4480-CEK-4 (DCA) PART I D., (G-009-2 YNA)
 - VS-005 REGRIND (DCA) (G-009-1 YNA)
 - PS-9222 DATA EXCHANGE (DCA), (G-009-3 YNA)
 - PS-10052 INFORMATION SECURITY (DCA)
- 3. **THIS DRAWING (H59000) REPLACES DCA DRAWING NUMBER 04587874 LEVEL 1**
- 4. **DCA DRAWING IS FOR REFERENCE ONLY**
- 5. **FCI P/N WITH SUFFIX "N" DESIGNATES ASSEMBLIES W/O CPA.**
- 6. **PRIMARY CONNECTOR LATCH OPTIONS #1 & #2 ARE FULLY INTERCHANGEABLE WITH MALE CONNECTOR OR DIRECT CONNECT**
- 7. **MUST BE USED WITH FLUOROSILICONE END SEAL P/N 54200265.**
- 8. **RETAINER P/N 54200234 & PROPER GAGE TEFLON WIRES FOR FLEX FUEL OR DIESEL FUEL APPLICATIONS. ASSEMBLE TERMINALS THROUGH RETAINER & ENDS**

UNCONTROLLED

FCI AUTOMOTIVE
12/7/2006
AMERICAS

FCI MASTER COPY WHEN IN RED



THIS DRAWING, DESIGN AND ALL OTHER INFORMATION CONTAINED THEREON IS PROPRIETARY AND THE PROPERTY OF FRAMATOME CONNECTORS INTERLOCK, INC., AND MAY NOT BE COPIED, REPRODUCED OR DISCLOSED TO ANY THIRD PARTY WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FRAMATOME CONNECTORS INTERLOCK, INC.

THIRD ANGLE
PROJECTION

The symbol for third angle projection, consisting of a circle on the left and a truncated cone on the right, with a horizontal line connecting them.

D	DRAWN: S. TIVARAJ	DATE: 02-21-06
	CHECK: SUCHA S SIAN	DATE: 02-21-06
	ENGR: SUCHA S SIAN	DATE: 02-21-06
	APPR: SUCHA S SIAN	DATE: 02-21-06
SCALE: 2X & NOTED		

ONENT PRINTS

874

DRAWING SYSTEM: PRO/E

H59000
DRAWING NO. REV. 1
H59000
SHEET 1 OF 1

Δ	FILE LOCATION:
---	----------------

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Delphi Connection Systems:

[54200206](#) [54200207](#) [54200208](#) [54200212](#) [54200260](#) [54200261](#) [55200200](#) [54200200](#) [54200213](#) [54200262](#)
[54200209](#) [54200214N](#) [54200201](#) [54200202](#) [54200203](#)