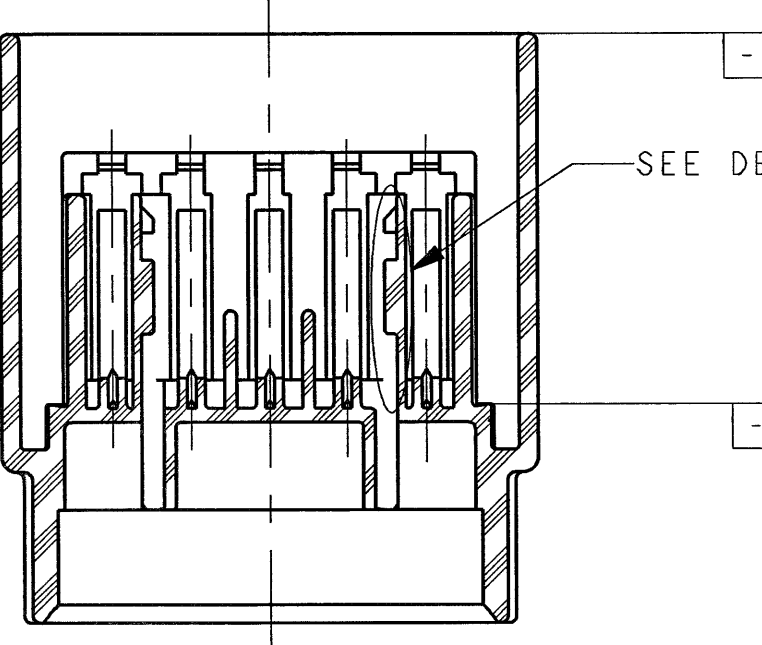
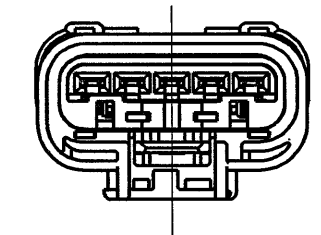
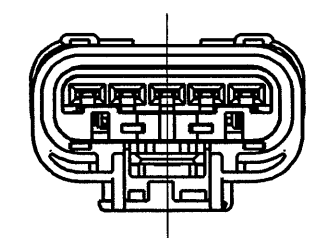
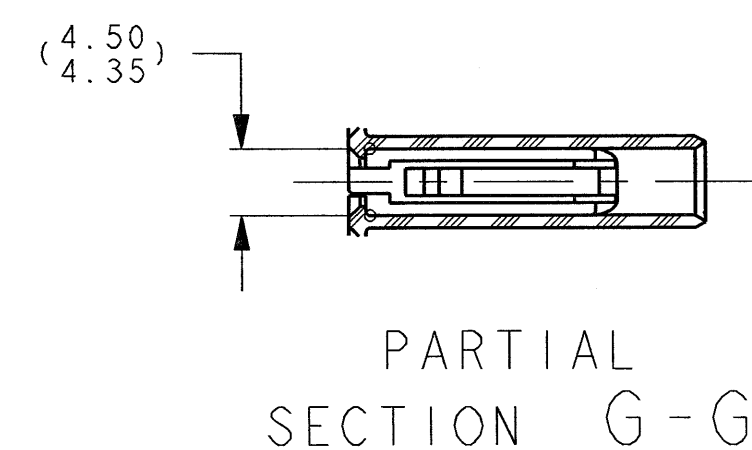


END VIEW
W/O CPA

END VIEW
W/CPA

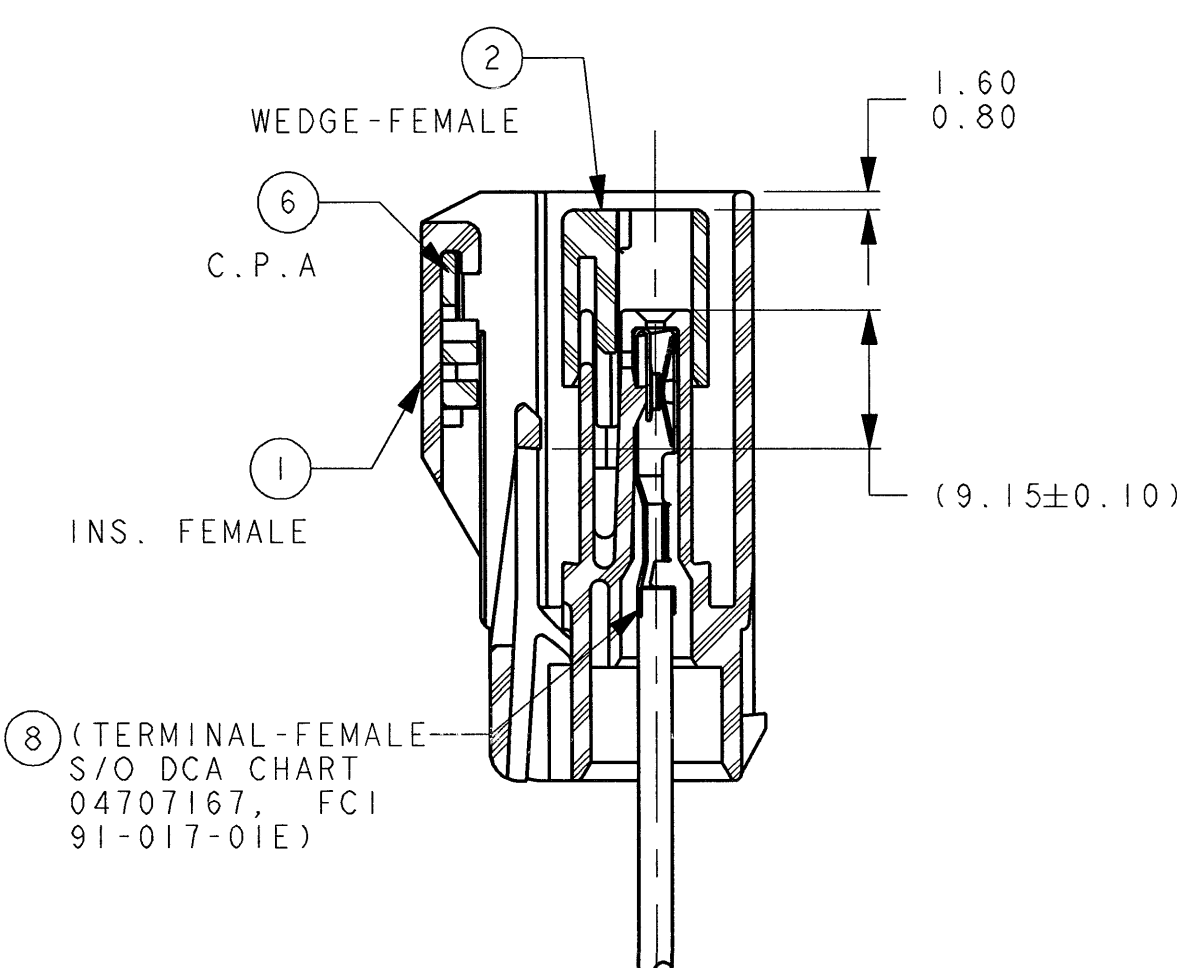
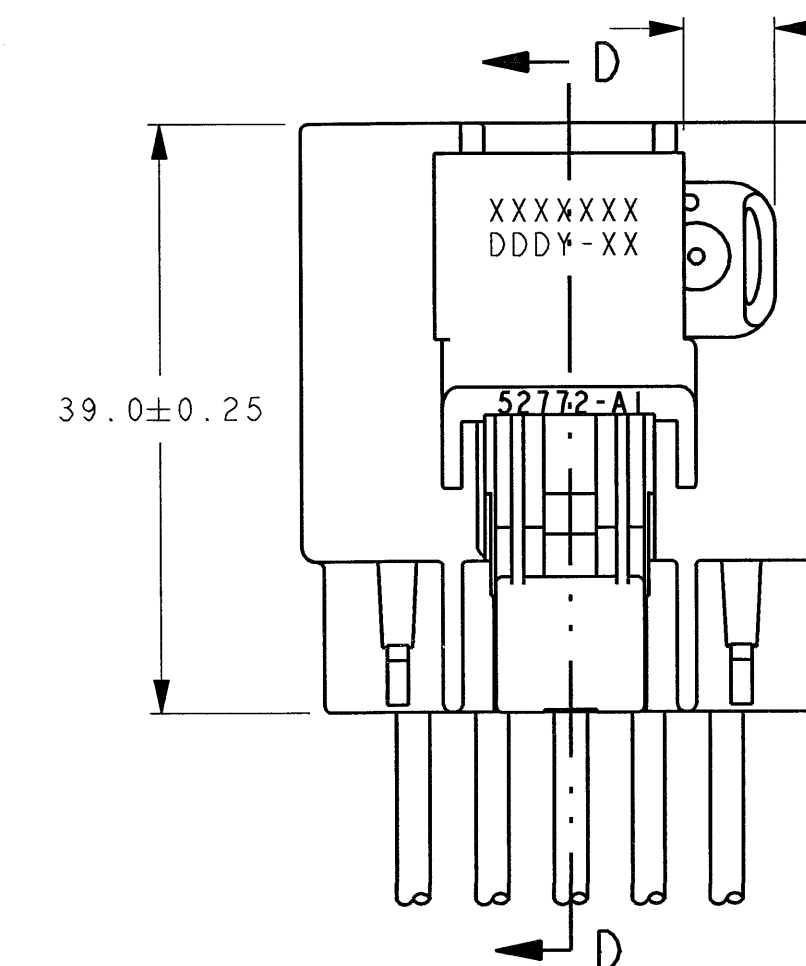


DETAIL Y
TERM. LOCK, FINGER
GOLF, EX

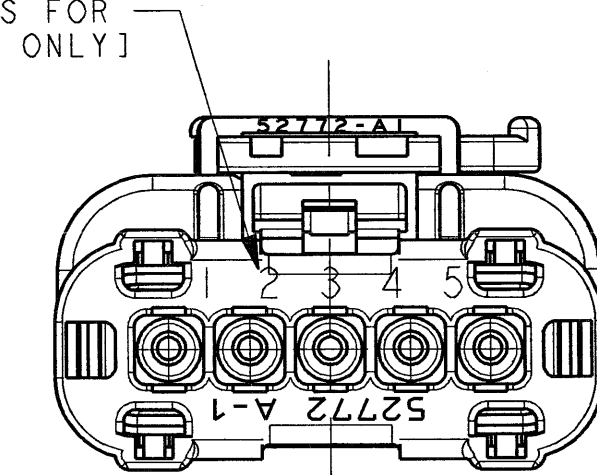
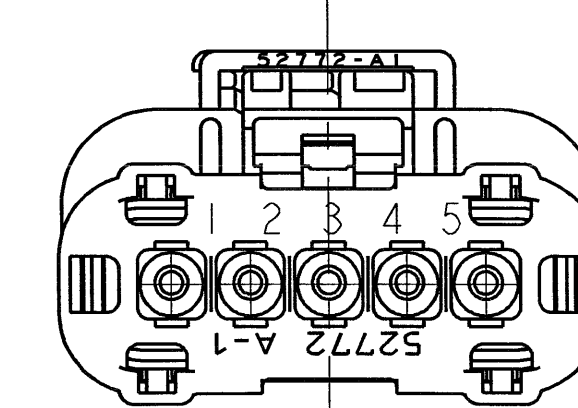
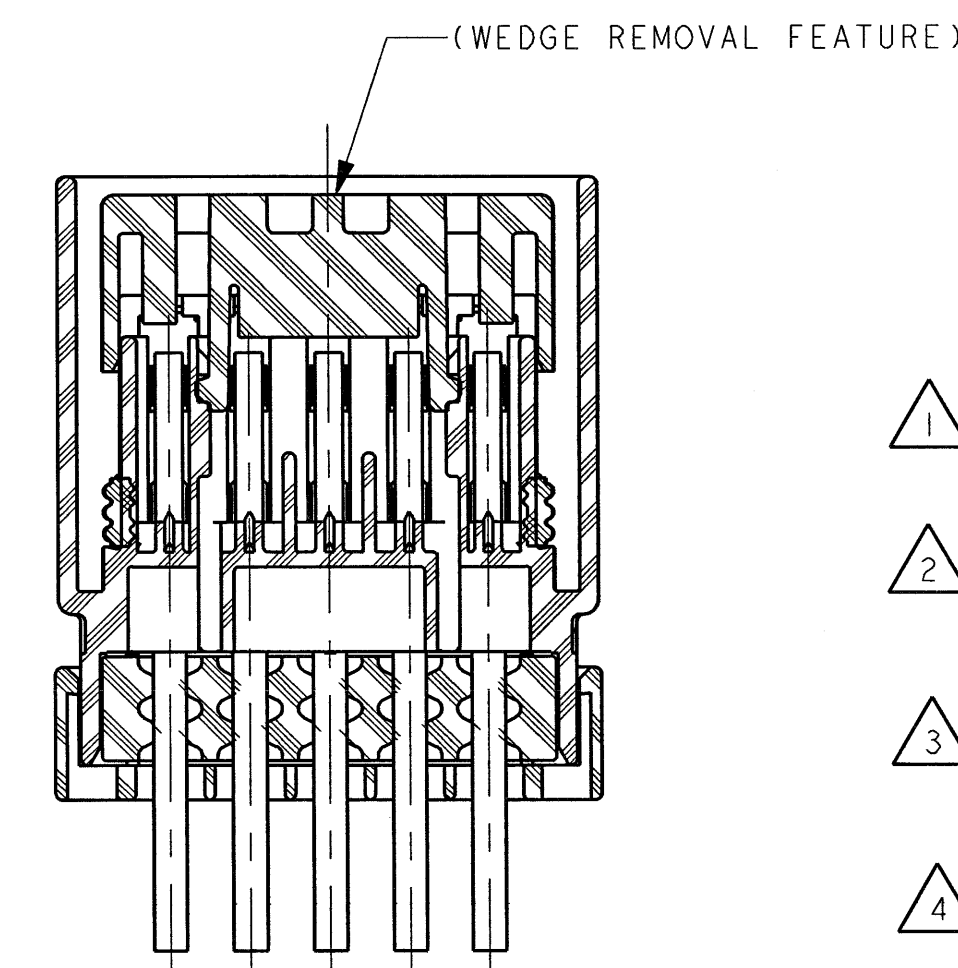
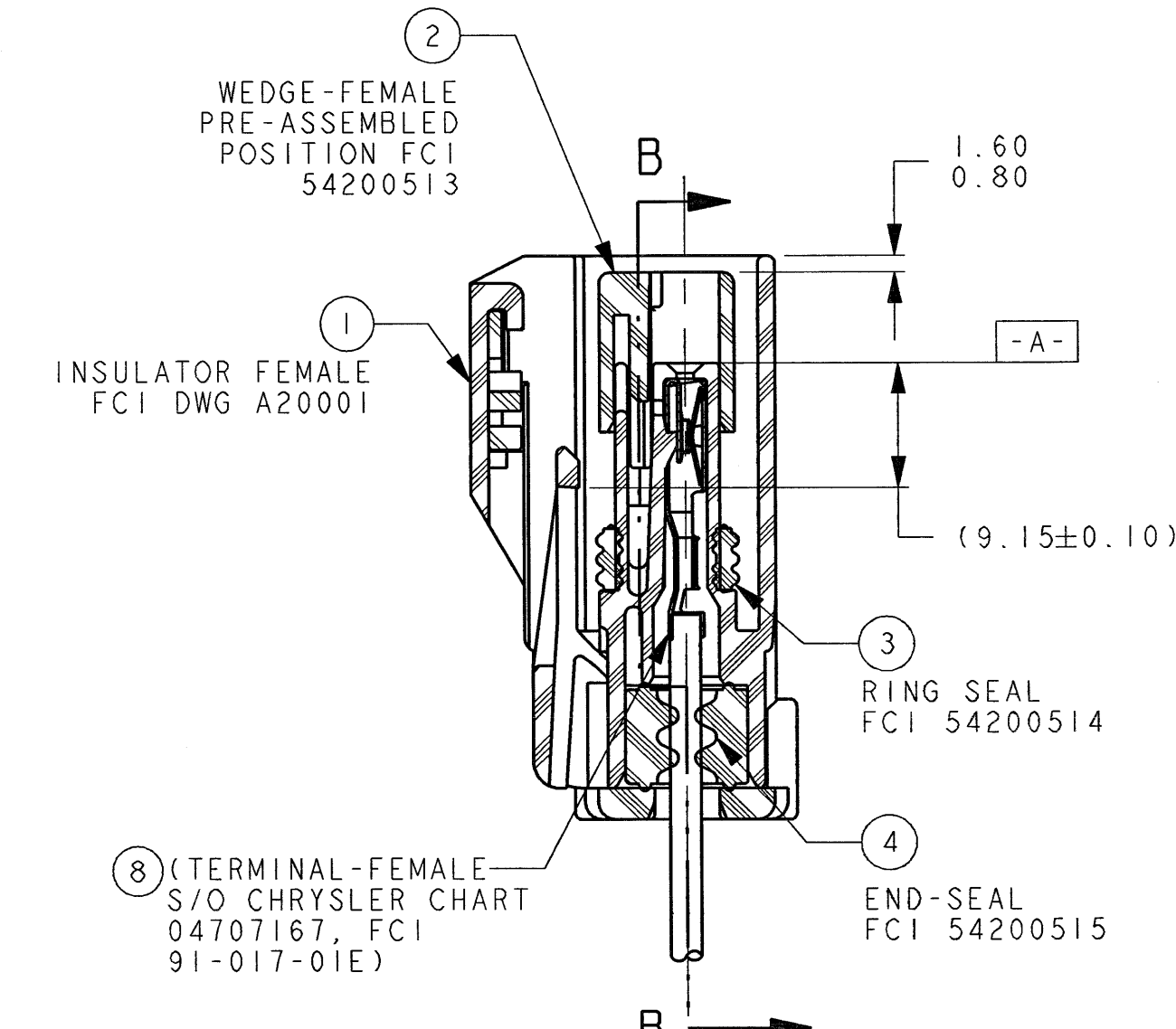
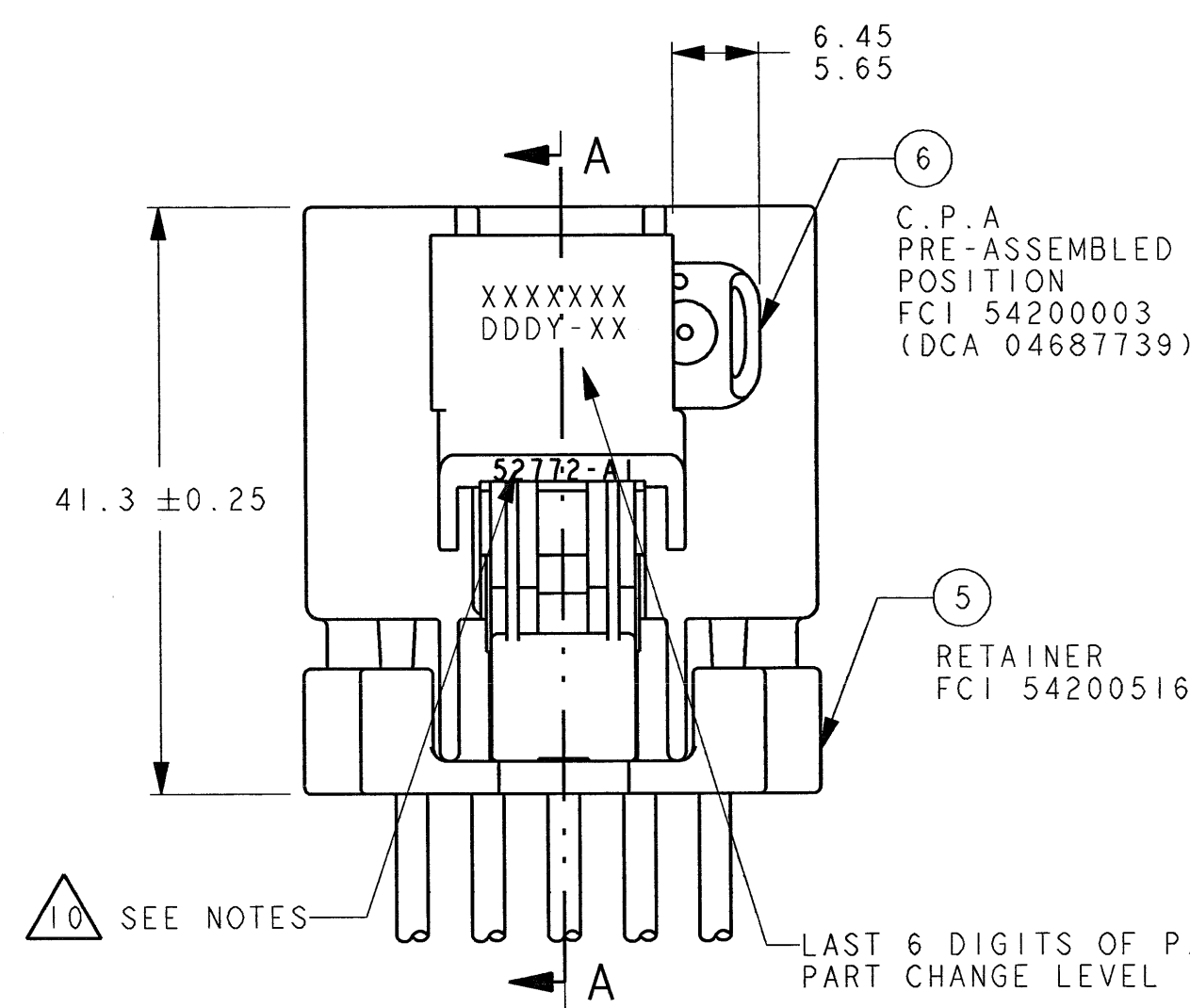
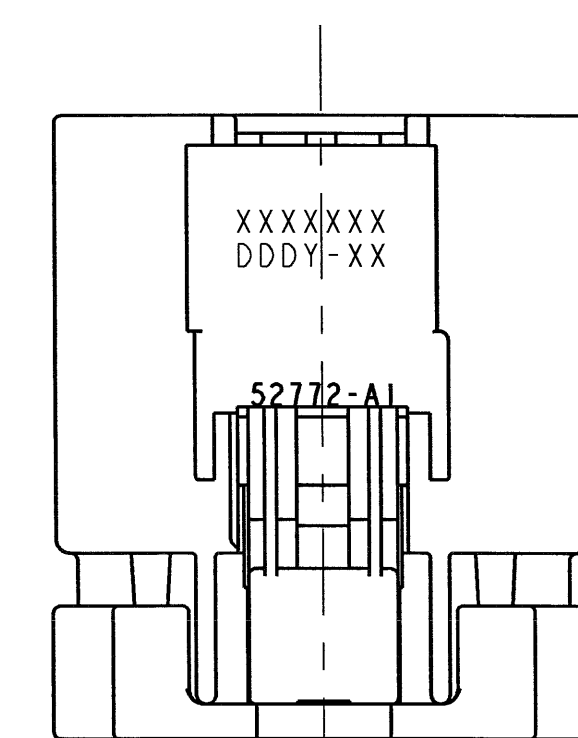


POLARIZATIONS OPTIONS
FULL SIZE
SHOWN W/CPA.

POLARIZATIONS OPTION
FULL SIZE
SHOWN W/O CPA.



UNSEALED ASSEMBLY VIEW
SHIPPED WITHOUT SEALS AND RETAINER



WITHOUT CPA
SEE P/N CHART
ALL DIMENSIONS SAME
AS WITH CPA VIEWS

SEALED ASSEMBLY VIEWS
SEE P/N CHART
SHOWN WITH CPA

[illegible]

REQUIRED				REQUIRED				ITEM	FCI P/N	ITC P/N	PART NAME
I			I	I			I	①	54200505	A20001A	INSULATOR-FEMALE INDEX A; BLK (NYLON)
I			I	I			I	①	54200506	A20001B	INSULATOR-FEMALE INDEX B; LT GRY (NYLON)
	I		I		I		I	①	54200507	A20001C	INSULATOR-FEMALE INDEX C; DK GRY (NYLON)
		I				I		①	54200508	A20001D	INSULATOR-FEMALE INDEX D; NATURAL (NYLON)
I	I	I	I	I	I	I	I	②	54200513	A20003	WEDGE-FEMALE; ROYAL BLUE (NYLON)
				I	I	I	I	③	54200514	A20007	RING SEAL; RED (SILICONE)
				I	I	I	I	④	54200515	A20006	END SEAL; LT BLUE (SILICONE)
				I	I	I	I	⑤	54200516	A20005	RETAINER; BLACK (NYLON)
				I	I	I	I	⑥	54200003	•04687739	CPA LATCH; RED (NYLON)
3	3	3	3	3	3	3	3	CONNECTOR ASSEMBLY TEMPERATURE CLASS PER SAE/USCAR-2 REV 5			
F	F	F	F	F	F	F	F	PART CHANGE LEVEL (PCL)			

MATING PART NUMBER CHART						
D	NATURAL	UNSEALED	54200520N	N/A	DIRECT CONNECT	APPLICATION
		UNSEALED	54200520D	04793894AA		
		SEALED	54200524N	N/A	DIRECT CONNECT	
		SEALED	54200524D	04793890AA	DIRECT CONNECT	
C	DK GREY	UNSEALED	54200519N	N/A	DIRECT CONNECT	APPLICATION
		UNSEALED	54200519D	04793893AA		
		SEALED	54200523N	N/A	DIRECT CONNECT	
		SEALED	54200523D	04793898AA	DIRECT CONNECT	
B	LT GRAY	UNSEALED	54200518N	N/A	DIRECT CONNECT	APPLICATION
		UNSEALED	54200518D	04793892AA		
		SEALED	54200522N	N/A	DIRECT CONNECT	
		SEALED	54200522D	04793888AA	DIRECT CONNECT	
A	BLACK	UNSEALED	54200517N	N/A	DIRECT CONNECT	APPLICATION
		UNSEALED	54200517D	04793891AA		
		SEALED	54200521N	N/A	DIRECT CONNECT	
		SEALED	54200521D	04793887AA	DIRECT CONNECT	
INDEX TYPE	COLOR		FCI	(CHRYSLER)	FCI	(CHRYSLER)
		SEALED/UNSEALED	CHRYSLER APPLICATION			MATING ASSEMBLY
			FEMALE ASSEMBLY PART NUMBERS			PART NUMBER FOR REFERENCE ONLY

FCI - FRAMATOME CONNECTORS INTERNATIONAL
ITC - INTERLOCK TERMINAL CORPORATION

* DCA PART NUMBER

NOTES:

- 1 QUALITY ASSURANCE REQUIREMENTS PER DCA PS-7300: 1
SPC 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
CHRYSLER WIRE SPEC. MS-8288 OR MS-9502 THIN WALL X-LINK 20, 18,
16 & 14 GAGE WIRES ONLY. UNLESS OTHERWISE SPECIFIED
(WIRE INSULATIONS Ø1.70 MIN TO Ø2.70 MAX)
- 6 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 GA THIN WALL)
- 7 USE WITH CAVITY PLUG, FCI P/N 54200005, (CHRYSLER P/N 56038308) WHEN REQ'D
USE WITH 2.80MM APEX FEM TERM PER CIS004-CUST SYM ABOUT CENTERLINE
FOR 180° ORIENTATION
- 8 DIRECT CONNECT DRAWING NO. G36005 (CHRYSLER 04793884AA)
- 9 TEST METHOD PER CHRYSLER PERFORMANCE SPEC# PF-9600, CONNECTOR ENGAGE &
DISENGAGE WITH LATCH DEPRESSED FORCE NOT TO EXCEED 90 N. FOR THIS
SYSTEM
- CPA SEATING FORCES - 40 N. MAX
WEDGE SEATING FORCES - 100 N. MAX
- 10 SUPPLIER, MOLD & CAVITY I.D. SIGNIFIES TOOL OWNERSHIP, FOR REFERENCE
- 11 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-9600

ALL NON-REFERENCE DIMENSIONS ARE REQUIRED

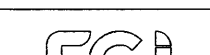
DIMENSIONAL AS NOTED BELOW:

- USE INDEX A, BLACK SEALED AND UNSEALED FOR ALL AFFECTED INSULATOR CAVITIES
- CURRENT PRODUCTION TOOLING
- POINT OF LAST RUN

CONNECTOR VALIDATED TO PF-9600 WITH THE FOLLOWING EXCEPTIONS:
TEST 5.3.4 VIBRATION/MECHANICAL SHOCK, TEST 5.3.9 THERMAL SHOCK,
TEST 5.3.10 TEMPERATURE/HUMIDITY CYCLING AND TEST
5.3.11 HIGH TEMPERATURE EXPOSURE

SERVICE TOOLING GUIDE INFORMATION PER APEX TRAINING MANUAL

- △2** MUST CONFORM TO THE FOLLOWING CHRYSLER/YNA STANDARDS:
- PF-9600 PERFORMANCE (CHRYSLER) EXCEPT AS NOTED ABOVE
PS-7300 QUALITY ASSURANCE (CHRYSLER)
PS-4480-CEK-4 (CHRYSLER PART I.D., (G-009-2 YNA)
PS-9065 REGRIND (CHRYSLER), (G-009-3 YNA)
PS-9227 DATA EXCHANGE (CHRYSLER), (G-009-7 YNA)
PS-10052 INFORMATION SECURITY (CHRYSLER)
- △3** THIS DRAWING (H59006) REPLACES CHRYSLER DRAWING NO 04793886AA LEVEL "C"
CHRYSLER DRAWING IS FOR REFERENCE ONLY
- △4** FCI P/N WITH SUFFIX "N" DESIGNATES ASSEMBLIES W/O CPA

C		12/01	03:24:08	REVISION	ALL	USE 12 IN 3 ROWS AFTER FIELD TERMINAL, NOTE ABOVE FOR PROPERLY IDENTIFIED, CONTROLLED BY		ANNU	SSS	SSS
CHARGE		DATE	TIME	FILE	NUMBER	CHARGE DESCRIPTION		DATE	BY	APPROV
PROJECT CODE		FISCAL YEAR		UNIFICATION CODE		THIS DRAWING AND ALL OTHER INFORMATION CONTAINED HEREIN IS THE PROPERTY OF THE U.S. GOVERNMENT AND IS TO BE RELEASED TO THE PUBLIC BY THE U.S. GOVERNMENT WITHOUT LIMITATION OF ANY RIGHTS IN THIS DRAWING OR INFORMATION CONTAINED HEREIN.				
2.08 AFEX										
TECHNICAL FILE CODE		DATE		REVISION		NOTES ON COMPONENT PARTS		DATE		
2.08 AFEX		12/01		03:24:08						
DO NOT SCALE DRAWING		TITLE NO.		A688		10 IN. DIA. C/N A		C/N		
DATE		TITLE		CHARGE		DRAWING NUMBER		INCHES IN		
12/01/01		12/01/01		2.08 AFEX		4-5 WAY FIELD		SCALE		
12/01/01		12/01/01		2.08 AFEX		12.00MM API CONN. SYS.		H59006		
12/01/01		12/01/01		2.08 AFEX		12.00MM API CONN. SYS.		H59006.DWG		

FCI	52772 OR 52772 H	SEE CHART
VENDOR	VENDOR CODE	P/N
23	22	21