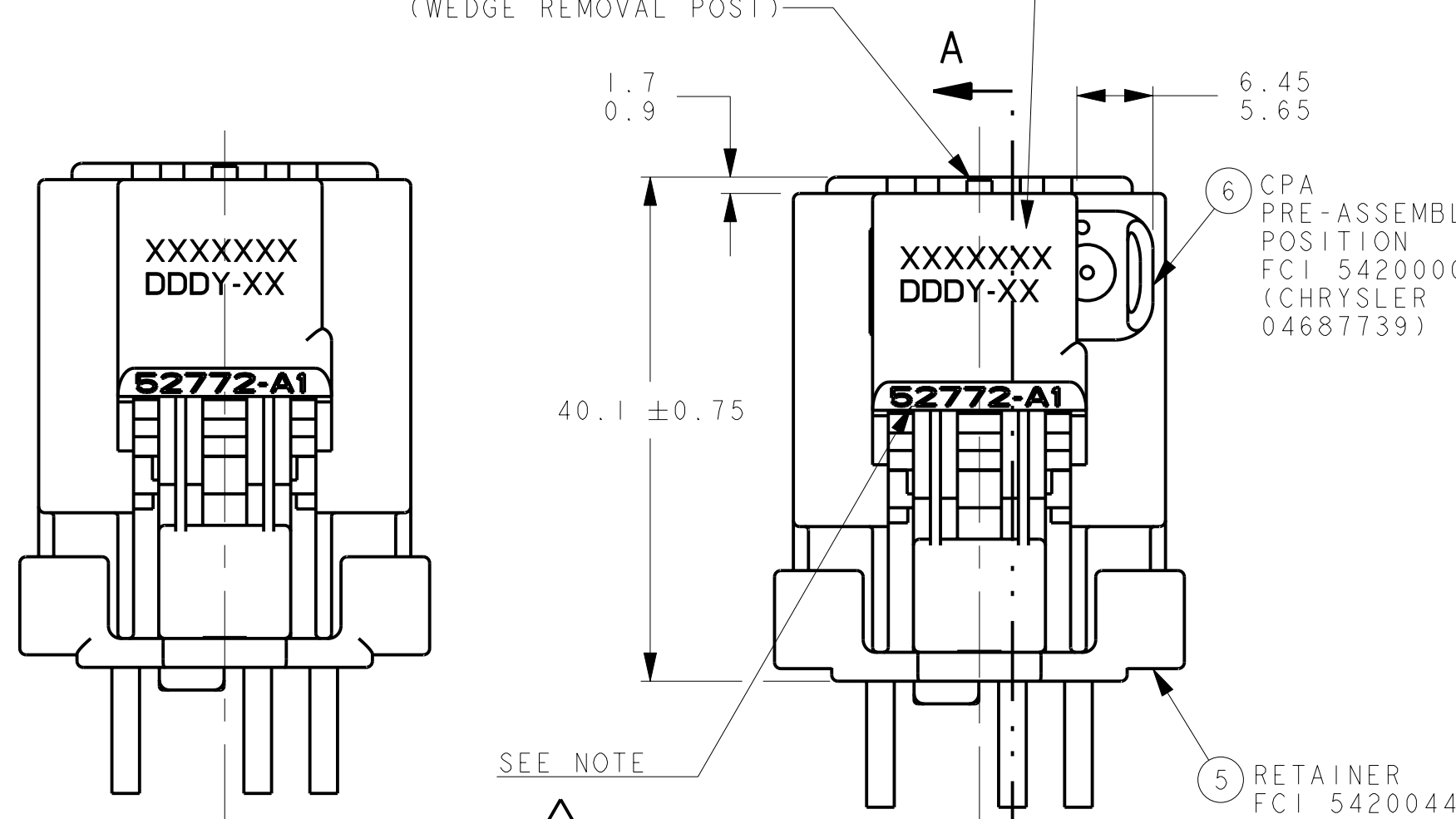
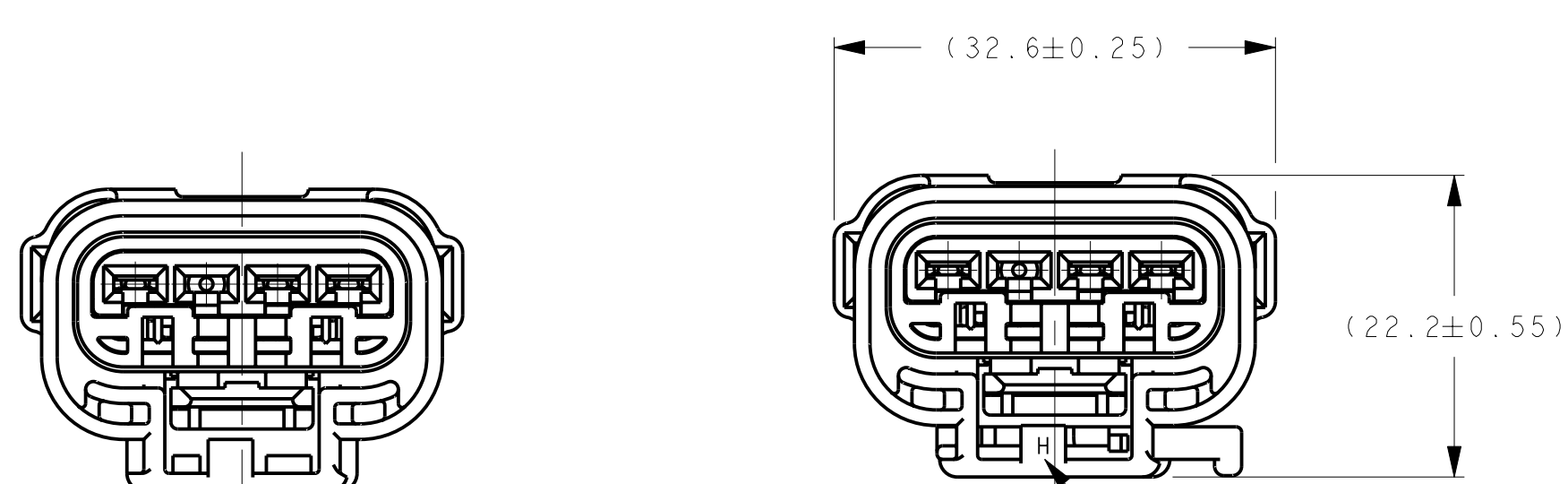
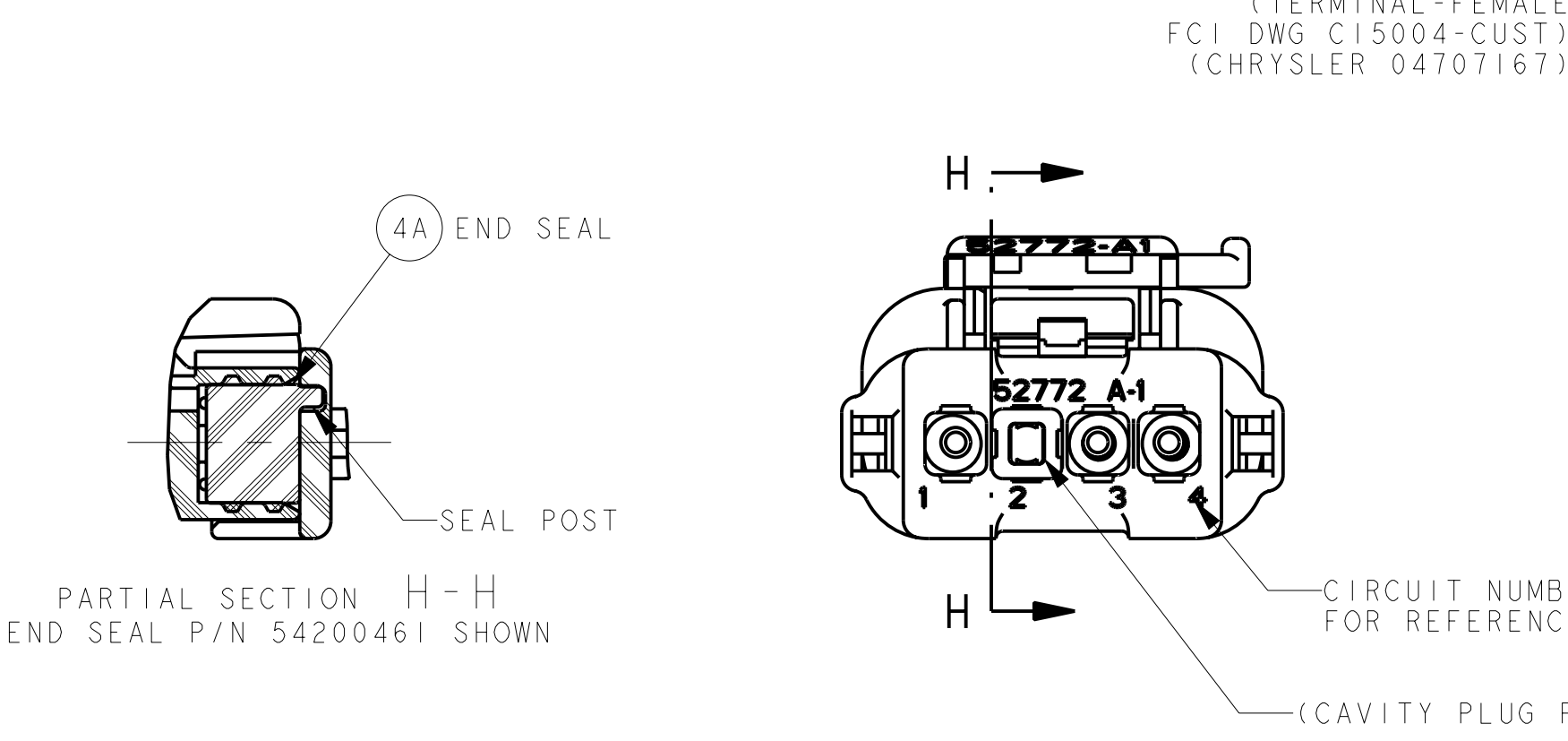


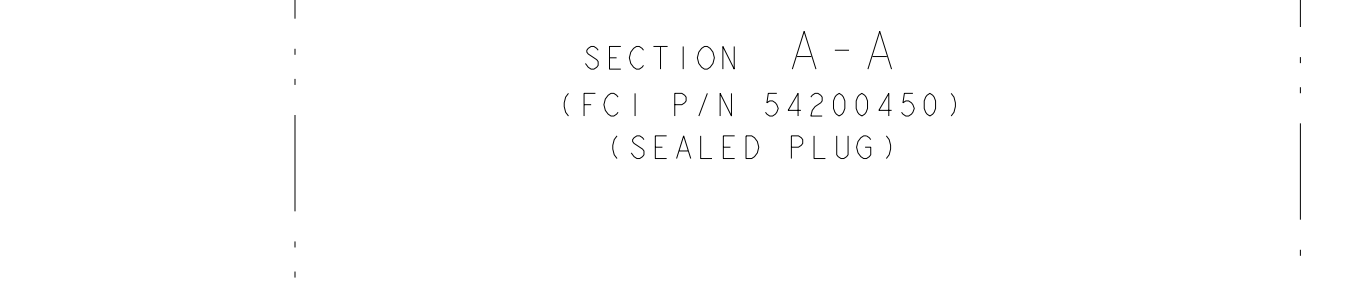
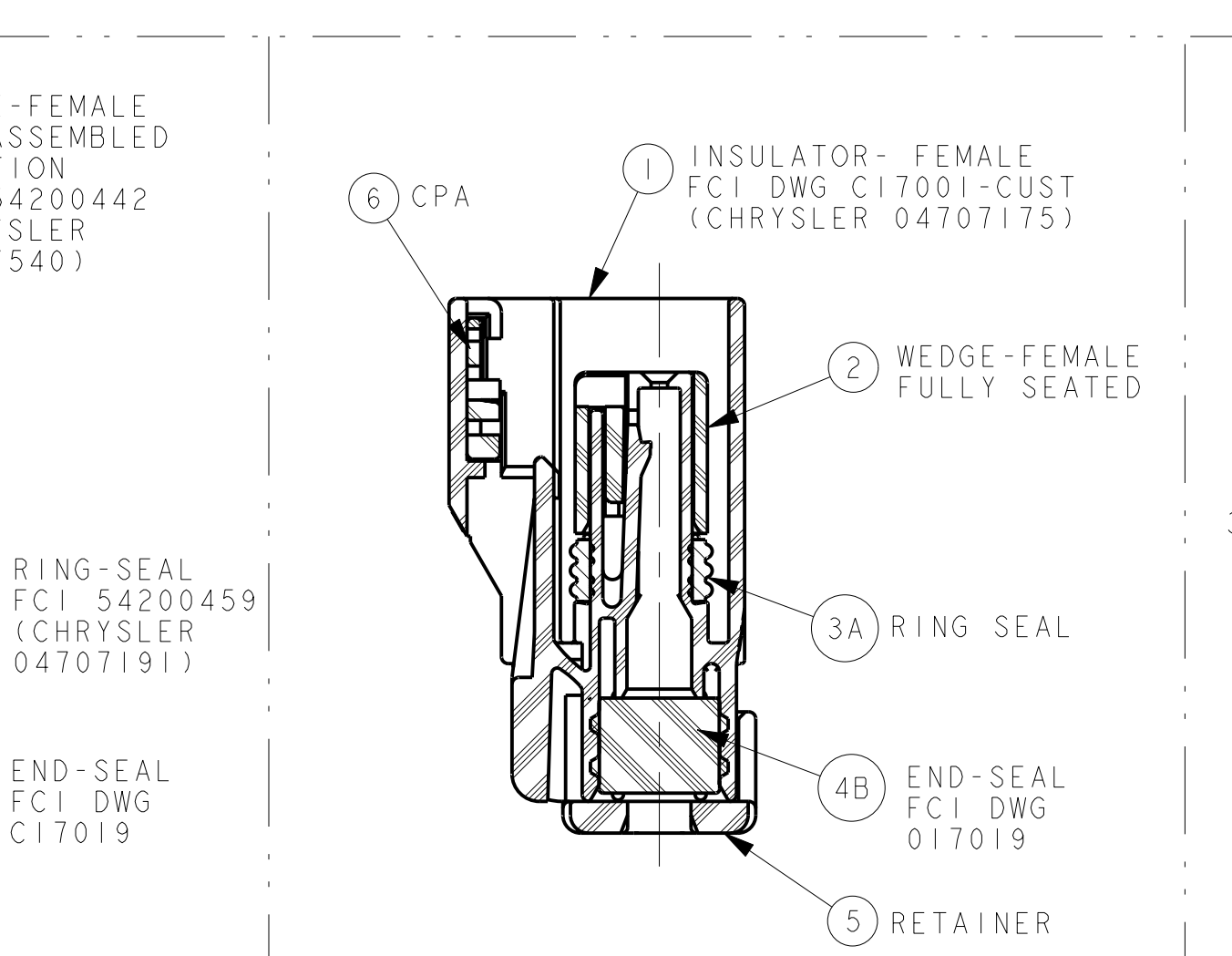
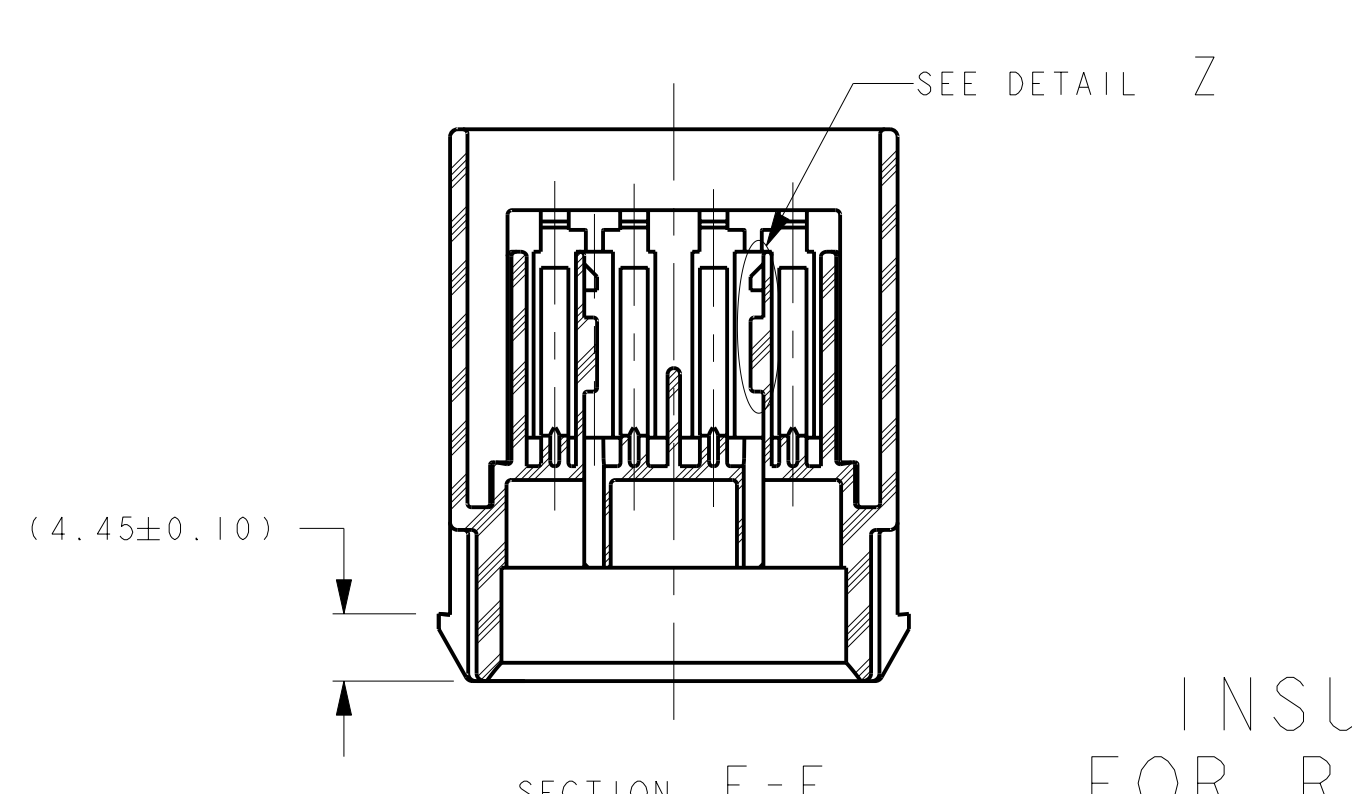
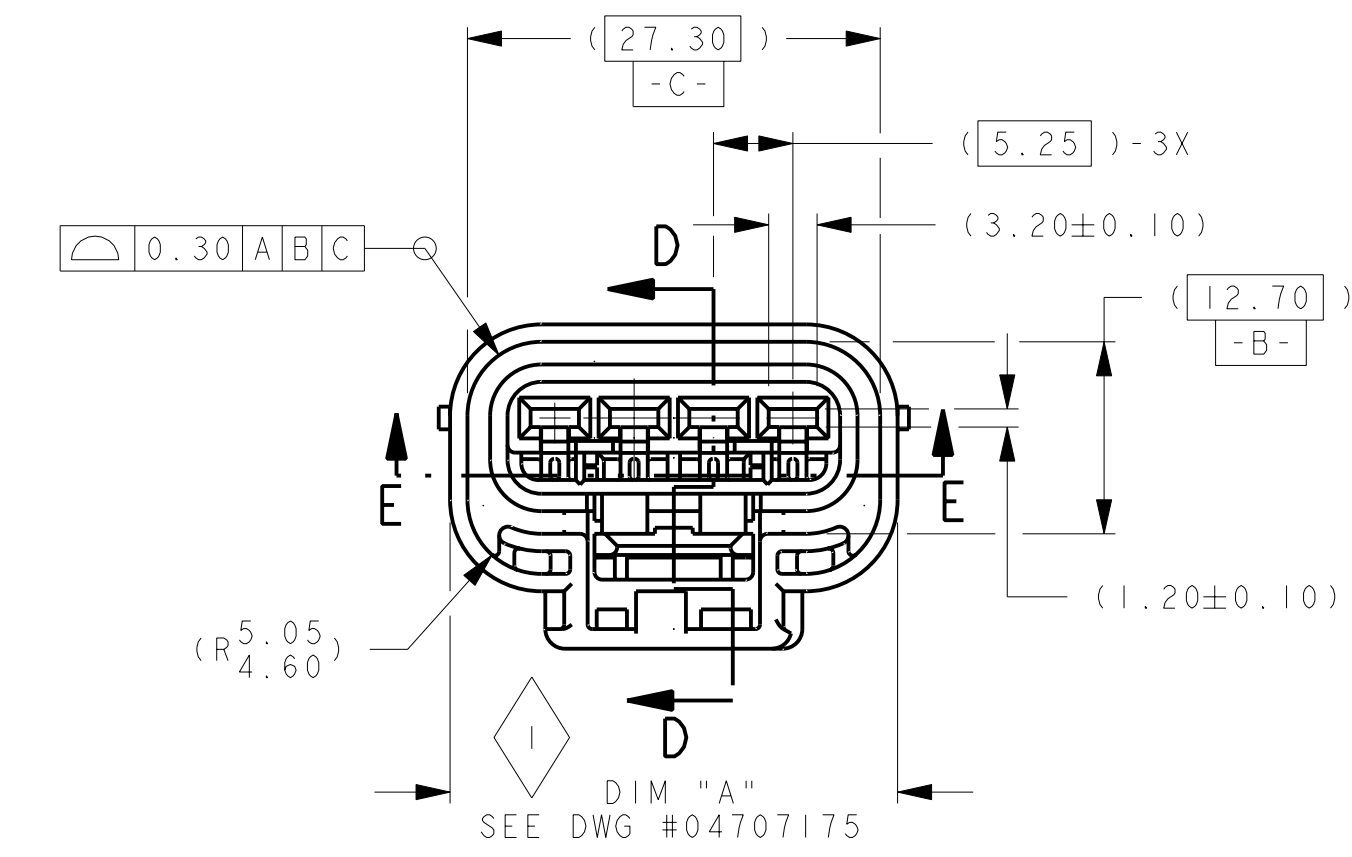


WITHOUT CPA
SEE P/N CHART
ALL DIMENSIONS SAME
AS WITH CPA

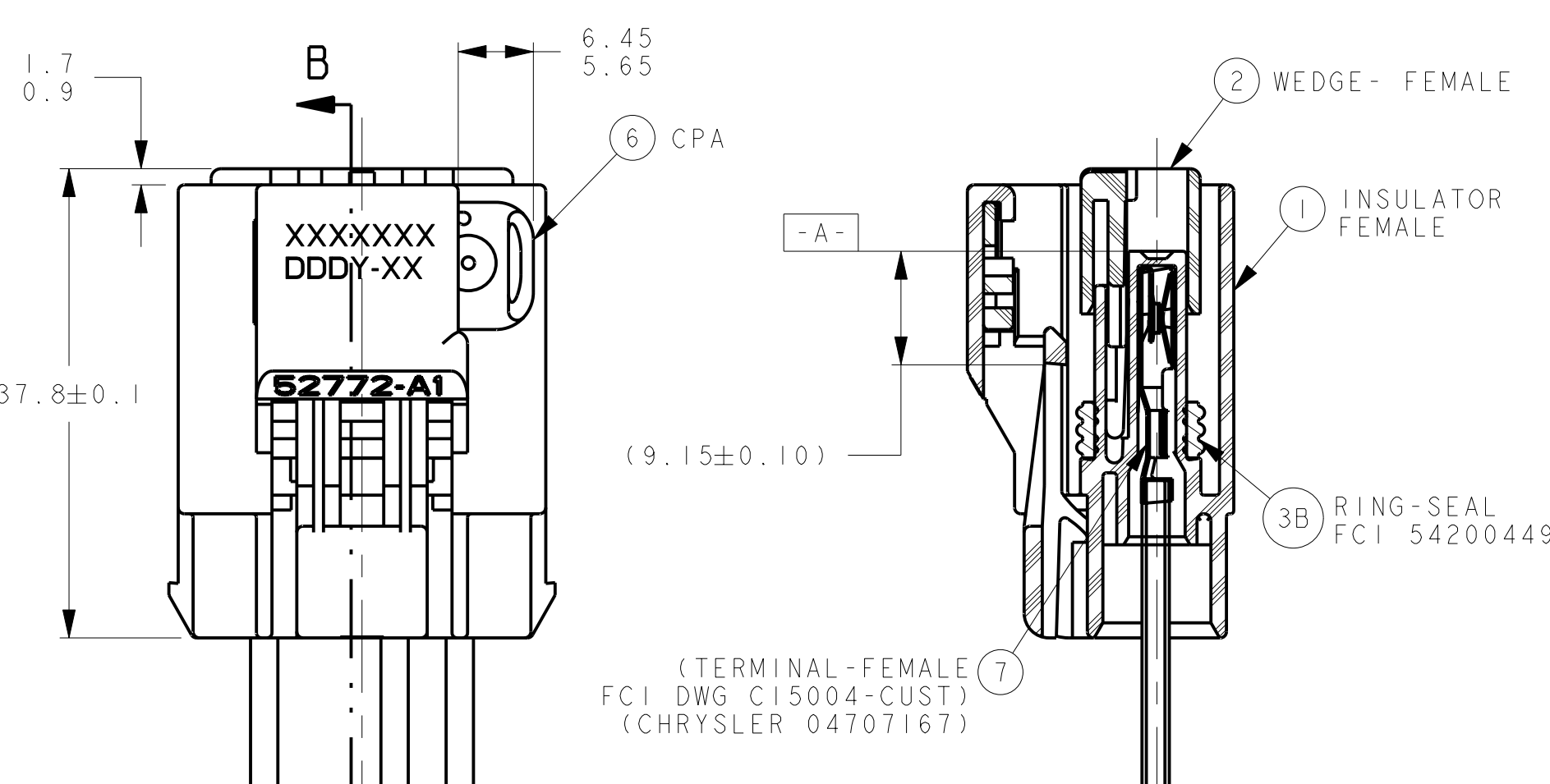


PARTIAL SECTION H-H
END SEAL P/N 54200461 SHOWN

SEALED ASSEMBLY VIEWS
SEE P/N CHART
SHOWN WITH CPA'S

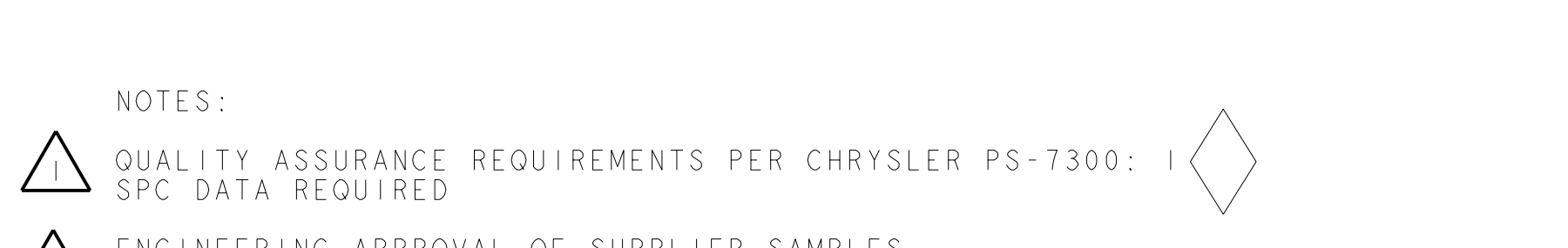
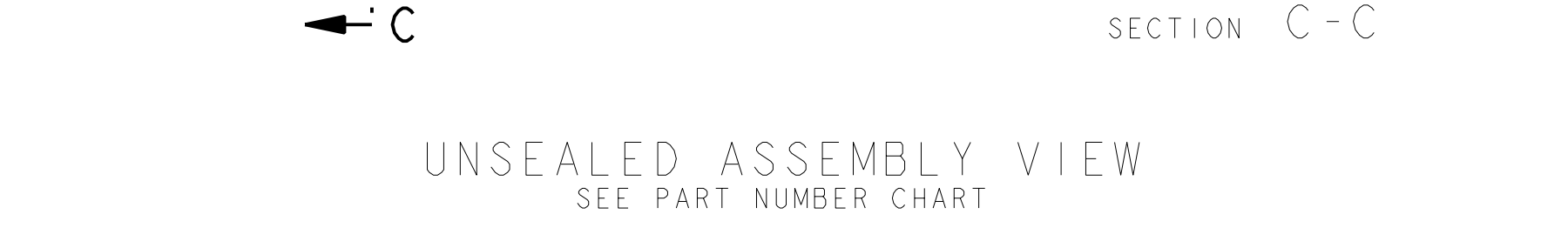
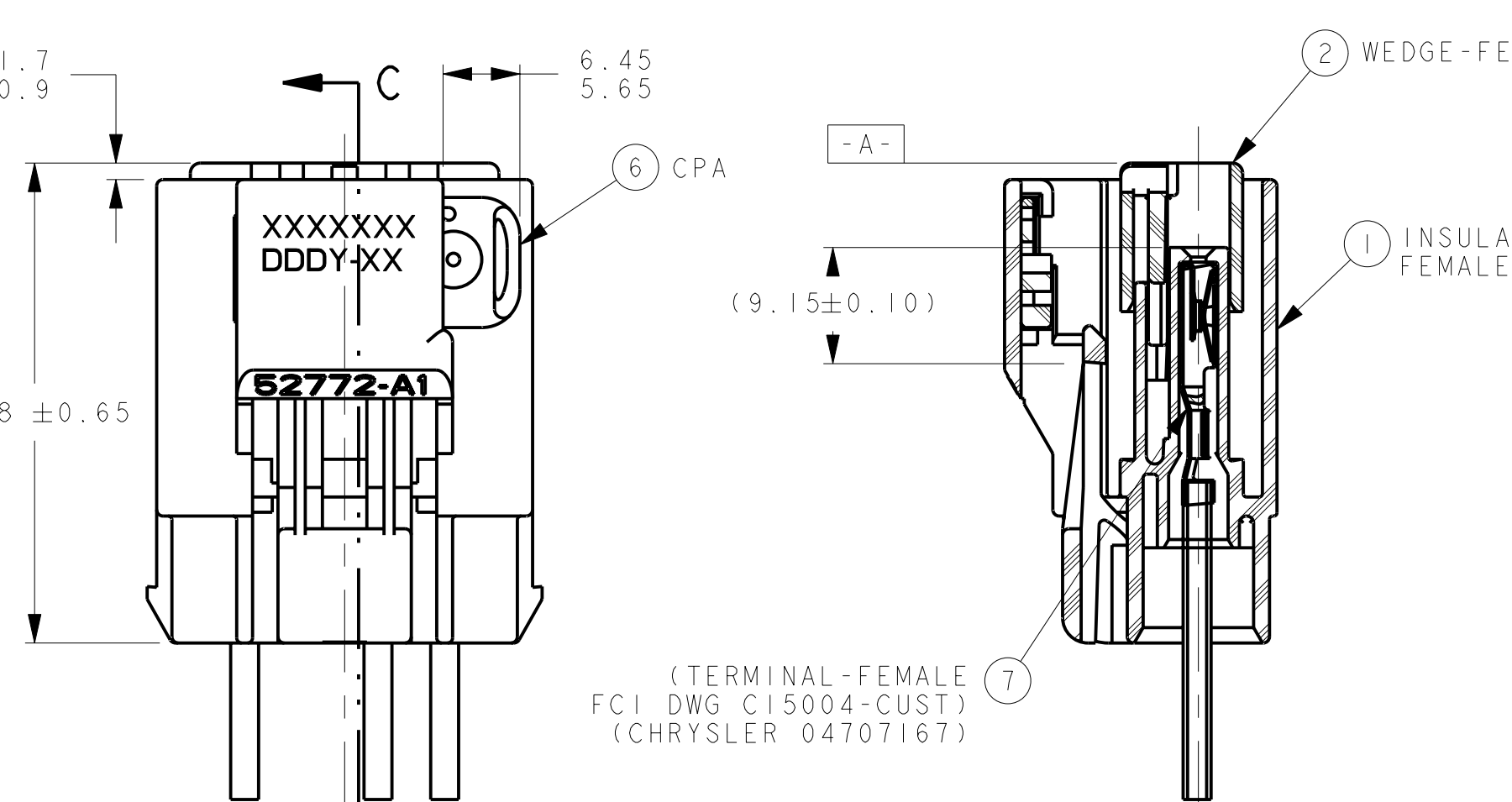


INSULATOR VIEWS
FOR REFERENCE ONLY



POLARIZATION OPTIONS
FULL SIZE
SHOWN W/CPA

POLARIZATION OPTIONS
FULL SIZE
SHOWN W/O CPA



SEALED (PARTIAL) ASSEMBLY VIEW
SEE NOTE
SHIPPED WITHOUT END SEAL AND RETAINER

UNSEALED ASSEMBLY VIEW
SEE PART NUMBER CHART

NOTES:
QUALITY ASSURANCE REQUIREMENTS PER CHRYSLER PS-7300: 1
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
ALL THE SEALED CONNECTOR APPLICATIONS MUST BE USED WITH
CHRYSLER WIRE SPEC. MS-8288 OR MS-9502 THIN WALL XLNK 20, 18,
16, 14, 12 & 10 GAGE WIRES ONLY UNLESS OTHERWISE SPECIFIED.
SEE CHART (WIRE INSULATIONS Ø1.70 MIN TO Ø4.09 MAX.)
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)
MUST BE USED WITH FLUOROSILICONE END SEAL FCI P/N 54200430,
RETAINER & PROPER GAGE TEFLON WIRES FOR METHANOL OR DIESEL
FUEL APPLICATIONS
USE WITH CAVITY PLUG FCI P/N 54200005, WHEN REQ'D.
USE WITH 2.8MM APEX FEM. TERM. PER C15004-CUST YMA. ABOUT CENTERLINE
FOR 180° ORIENTATION
TEST METHOD PER SAE/USCAR-2 REV. 5, CONNECTOR ENGAGE &
DISENGAGE WITH LATCH DEPRESSURE FORCE NOT TO EXCEED 75 N. FOR THIS
SYSTEM
CPA SEATING FORCES - 40 N. MAX.
WEDGE SEATING FORCES - 100 N. MAX.
SUPPLIER, MOLD & CAVITY I.D. MUST BE LEGIBLE
ANNUAL QUALITY REQUIREMENTS:
IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER
FCI SPECIFICATION HAQA-001 INSTEAD OF ANNUAL LAYOUT &
ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 & PF-9600
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 CHRYSLER/YMA 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)

THIS DRAWING (H59003) REPLACES CHRYSLER DRAWING
NUMBER 04707254 LEVEL "R"
CHRYSLER DRAWING IS FOR REFERENCE ONLY
FCI P/N WITH SUFFIX "N" DESIGNATES
ASSEMBLIES W/O CPA
P/N'S WITH BURNT ORANGE END SEAL CAN BE USED
WITH 12 OR 14 GAGE IN ANY COMBINATION OR ORDER
OR WITH THREE 12 GAGE AND ONE 18 GAGE
OR ONE 16 GAGE WIRE (ONE END)

SEALS BAKED AT 450°F FOR 5 HOURS DURING
CONTINUOUSLY INTRODUCED FRESH AIR TO DRIVE
OFF VOLATILES
FORD PART NUMBERS ARE LISTED FOR REFERENCE
ARE PPAP'D TO FORD 4L3T-14A464-AA DRAWING
MUST USE WIRE SIZES AS SPECIFIED FOR CIRCUIT LOCATION
SHOWN: FOR EXAMPLE 12 OR 10 AWG, 20 TO 14 OR 18 TO 14
AWG

DO NOT SCALE DRAWING
DATE: 10-11-11
REVISION: 1
ZONE: A-047
COLOR: A-047
NOTED ON COMPONENT
PRINTS
CHART - ASSEMBLY
4WAY FEMALE
(2.8MM APEX CONN. SYSTEM)

DO NOT SCALE DRAWING
DATE: 10-11-11
REVISION: 1
ZONE: A-047
COLOR: A-047
NOTED ON COMPONENT
PRINTS
CHART - ASSEMBLY
4WAY FEMALE
(2.8MM APEX CONN. SYSTEM)

DO NOT SCALE DRAWING
DATE: 10-11-11
REVISION: 1
ZONE: A-047
COLOR: A-047
NOTED ON COMPONENT
PRINTS
CHART - ASSEMBLY
4WAY FEMALE
(2.8MM APEX CONN. SYSTEM)

DO NOT SCALE DRAWING
DATE: 10-11-11
REVISION: 1
ZONE: A-047
COLOR: A-047
NOTED ON COMPONENT
PRINTS
CHART - ASSEMBLY
4WAY FEMALE
(2.8MM APEX CONN. SYSTEM)

MATING PART NUMBER CHART								
D	NATURAL	UNSEALED	54200404N	N/A	54200424, 54200408	N/A		
		UNSEALED	542004004	C 56038053	54200424, 54200408	C 56042179, 5603805		
		SEALED	54200412N	N/A	54200416	N/A		
		SEALED	542004212	C 04707264	54200416	C 04707380		
C	BLACK	SEALED	F915600	N/A	F225600	N/A		
		UNSEALED	54200403N	N/A	54200407	N/A		
		UNSEALED	54200403	C 56038193	54200407	C 56038194		
		SEALED	54200411N	N/A	54200415	N/A		
E	DK GREY	SEALED	54200411	C 04707263	54200415	C 04707379		
		SEALED	55200428	N/A	54200429	N/A		
		SEALED	F815600	N/A	F125600	N/A		
		UNSEALED	54200402N	C 04688849	54200418, 54200419 54200417, 54200408	C 04495870, 0466192 C 04707209, T.B.D.		
B	LT GREY	SEALED	54200450N	N/A	DIRECT CONNECT APPLICATION	N/A		
		SEALED	54200450	C 04707510	DIRECT CONNECT APPLICATION	N/A		
		SEALED	54200447N	C 04801217AA	54200417	C 04707209	N/A	
		SEALED	54200422N	N/A	N/A	N/A	N/A	
A	BLACK	SEALED	54200422	C 04759394AA	N/A	LH FUEL PUMP		
		SEALED	54200410N	N/A	54200414, 54200418 54200419, 54200417	N/A	N/A	
		SEALED	54200410	F 0317-14464-HM	DIRECT CONNECT APPLICATION	N/A	N/A	
		SEALED	54200410	C 04707256	54200414, 54200418 54200419, 54200417	C 04707267, 0449587 C 04661922, 0470720	N/A	
A	BLACK	SEALED	54200495	N/A	F598500, F766000	N/A		
		SEALED	54200480N	N/A	54200420/F598500	N/A	N/A	
		SEALED	54200495	F AUST-H484-HM	DIRECT CONNECT APPLICATION	N/A	N/A	
		SEALED	54200480	C 04759900AA	54200420/F598500	LOW PERM HDR	N/A	
A	BLACK	SEALED	F715600	N/A	F025600	N/A	N/A	
		UNSEALED	54200400N	N/A	54200405	N/A	N/A	
		UNSEALED	54200400	C 56038052	54200405	C 56038054	N/A	
		UNSEALED	INDEX-A	INDEX-A	54200423	C 56042178	N/A	
A	BLACK	SEALED	F333900	GM 13580766	DIRECT CONNECT INDEX-A	N/A	N/A	
		SEALED	54200467N	N/A	F860600/DIR CONNECT	N/A	N/A	
		SEALED	54200467	C 04688299AA	F860600/DIR CONNECT	SOLID STATE RELAY	N/A	
		SEALED	54200409N	N/A	54200413, 54200426	N/A	N/A	
A	BLACK	SEALED	54200409	C 04707262	54200413, 54200426	C 04707266, 0475923	N/A	
		SEALED	54200421	N/A	54200425	N/A	N/A	
		SEALED	54200421	C 04759251	54200425	C 04759253	N/A	
		SEALED	F398500	N/A	F498500	N/A	N/A	
A	BLACK	SEALED	INDEX-A	INDEX-A	54200426, 54200427 54200468	C 04759236, 5604244 C 04759236AB	N/A	
		SEALED	55200445	N/A	55200446	N/A	N/A	
		INDEX TYPE	COLOR	SEALED/ UNSEALED	FCI	CUSTOMER	FCI	CUSTOMER
				FCI	CUSTOMER	FCI	CUSTOMER	
		CUSTOMER: CHRYSLER - C FORD - F GENERAL MOTORS - GM						
		FCI	52772 OR 52772 H	SEE CHART				
		VENDOR	VENDOR CODE	P/N				

UNSEALED										SEALED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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