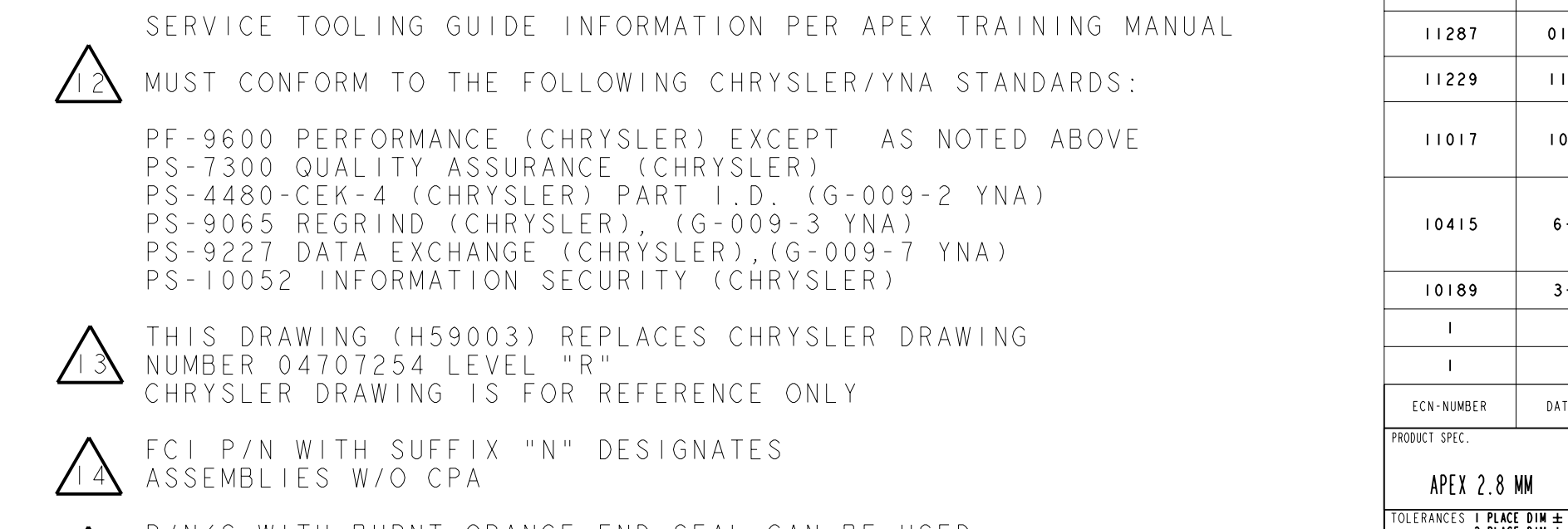
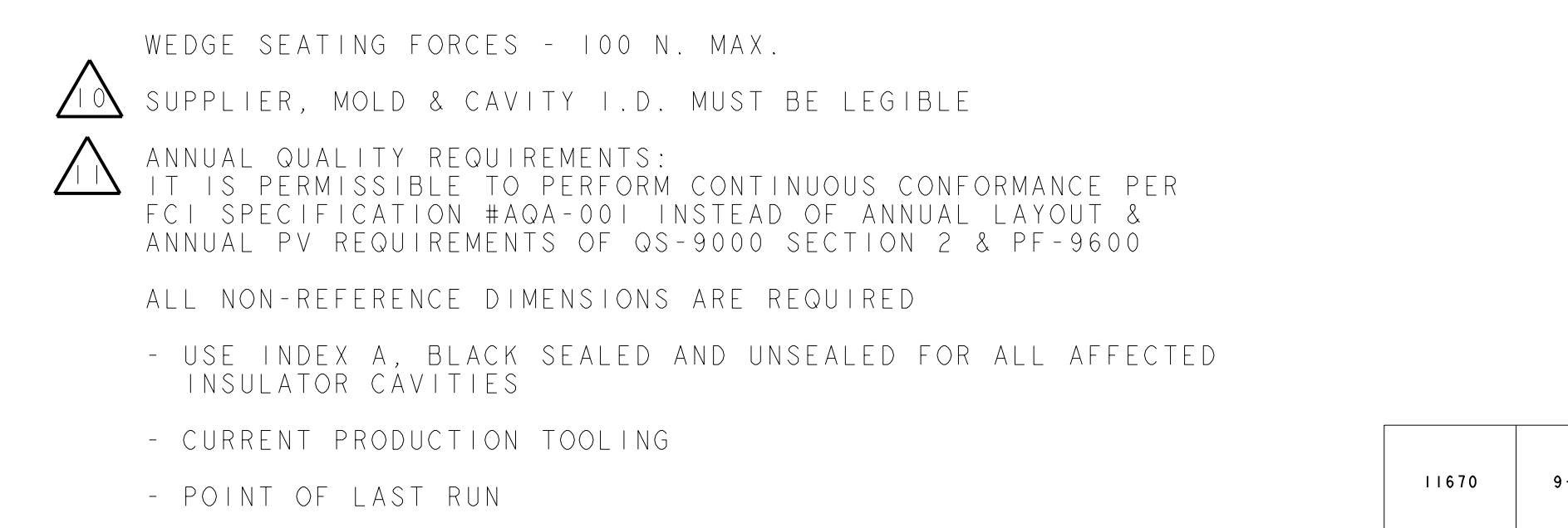
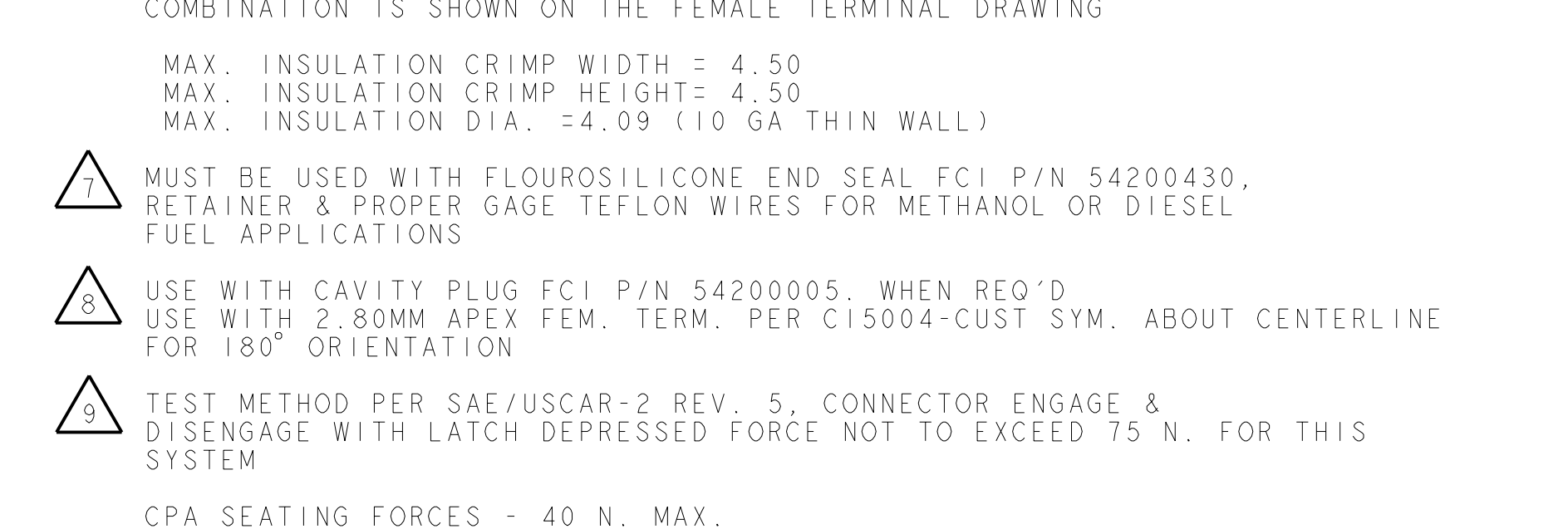
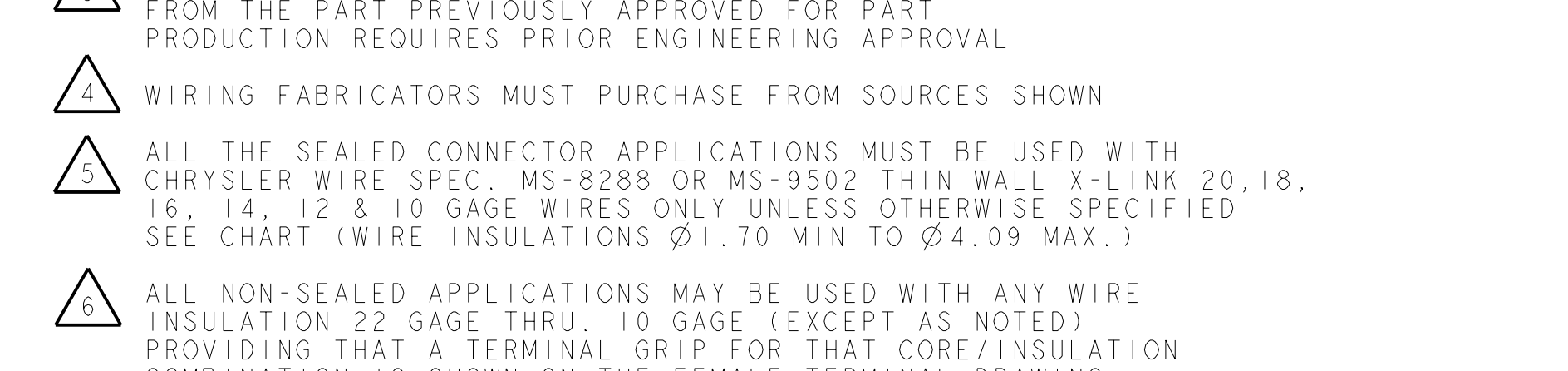
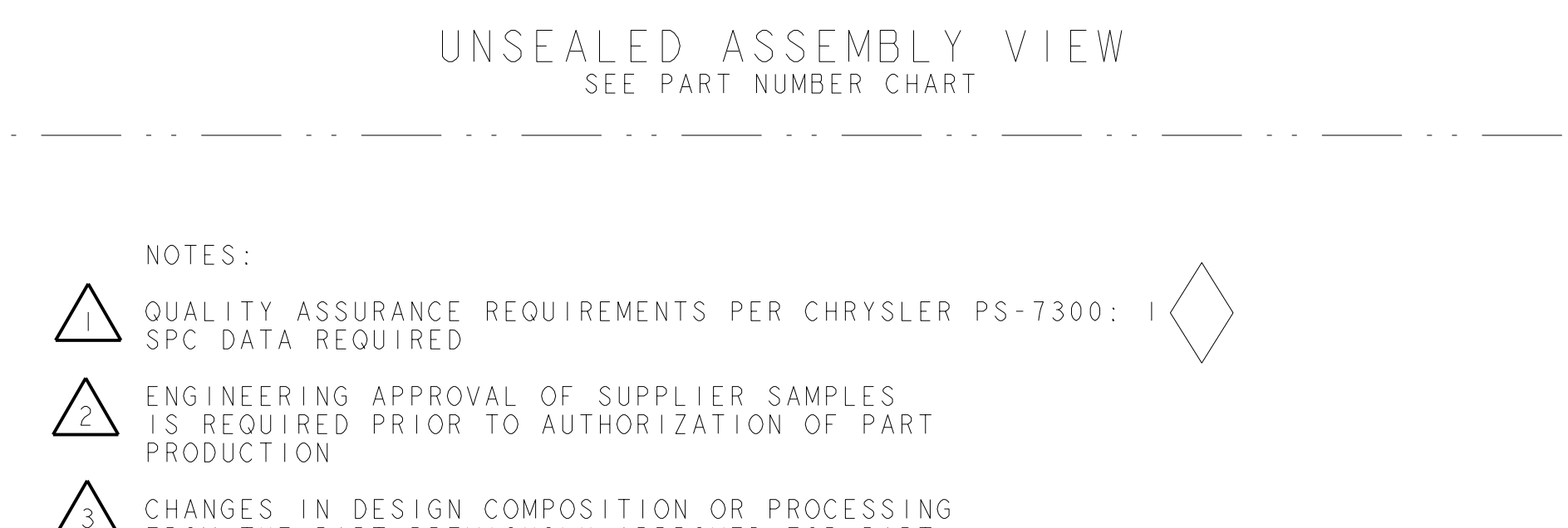
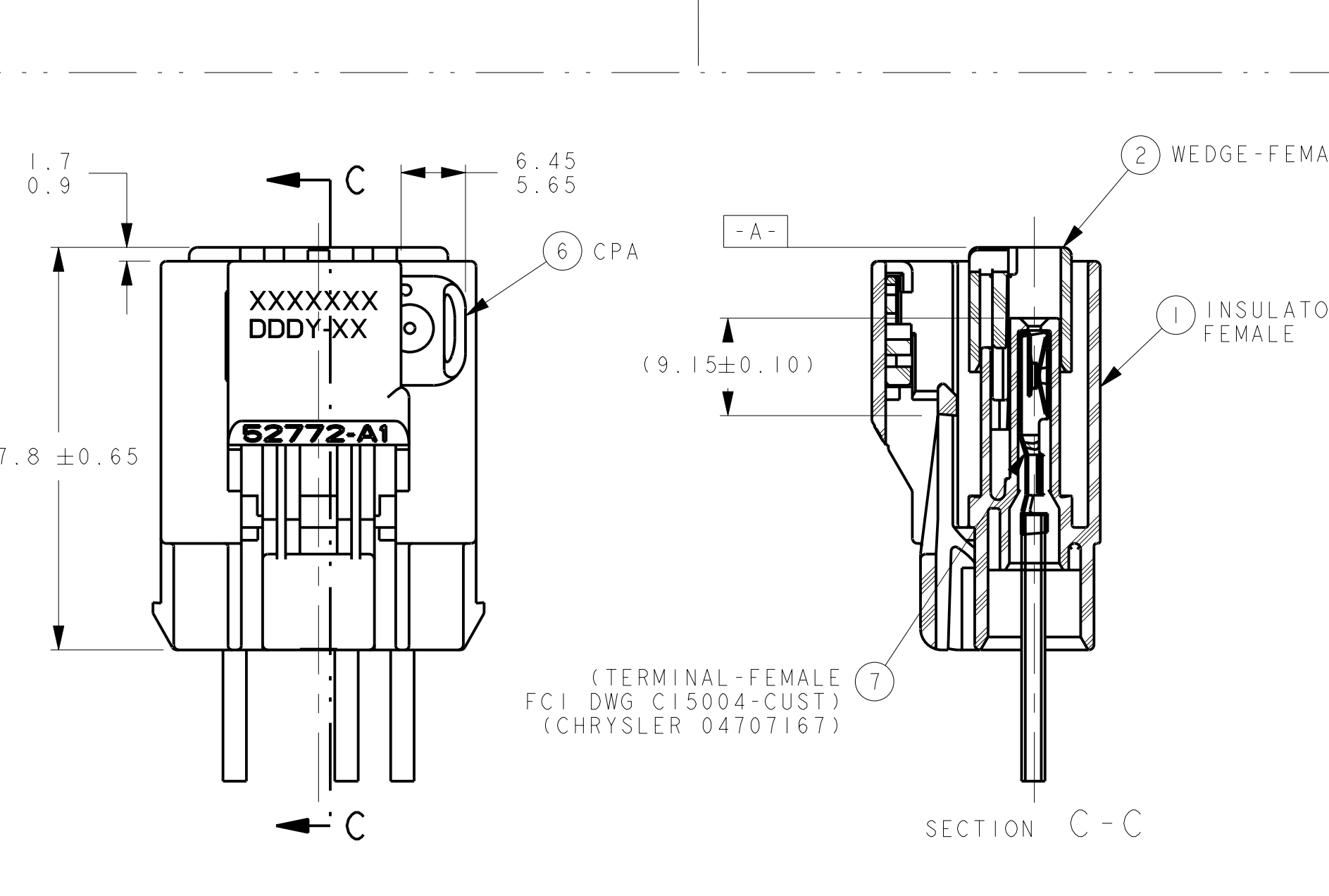
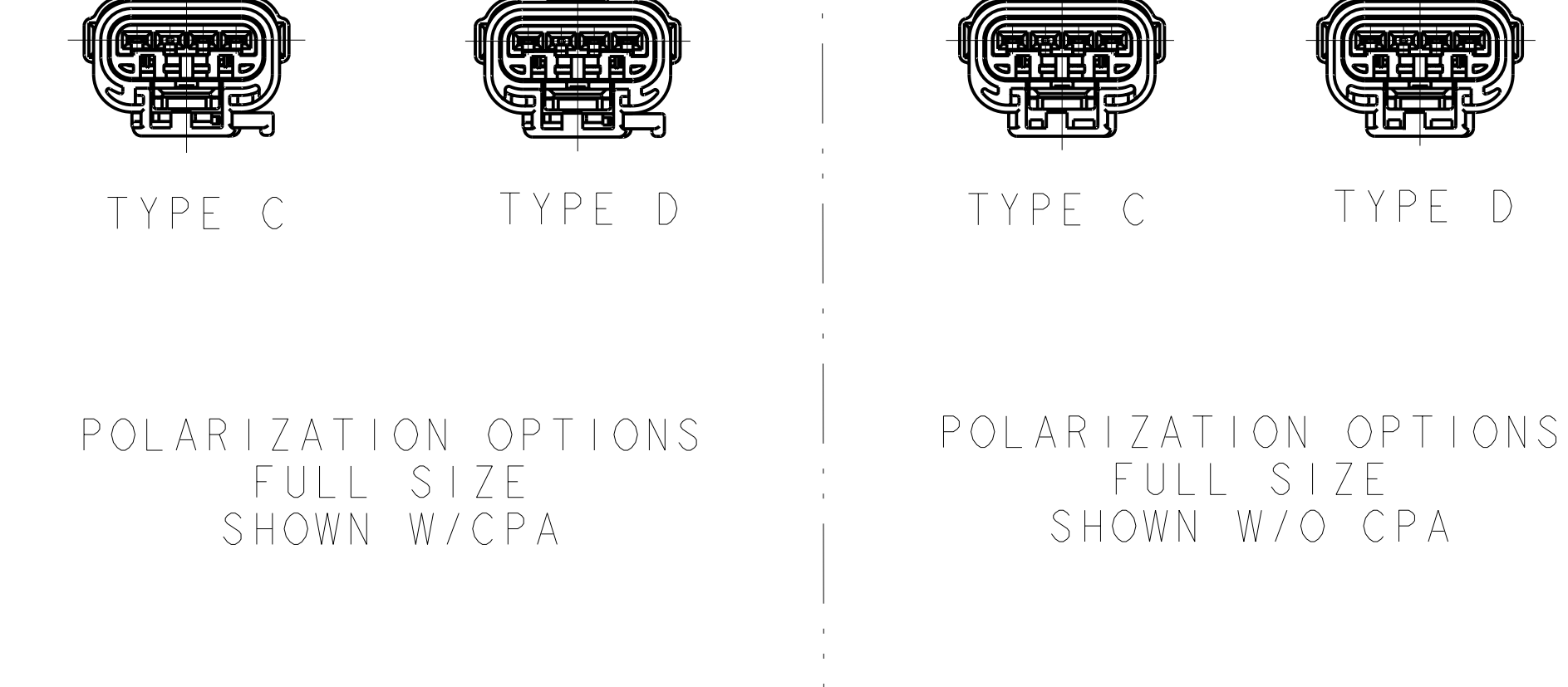
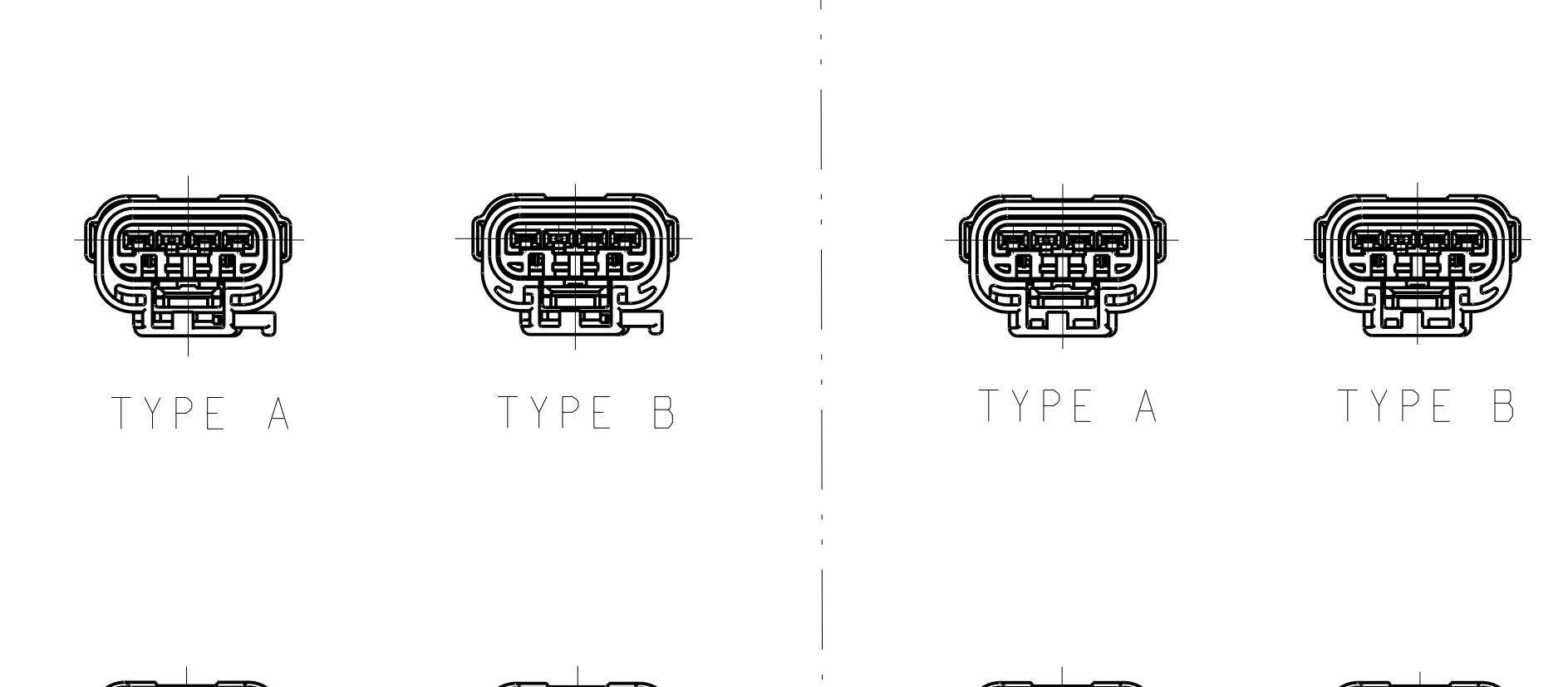
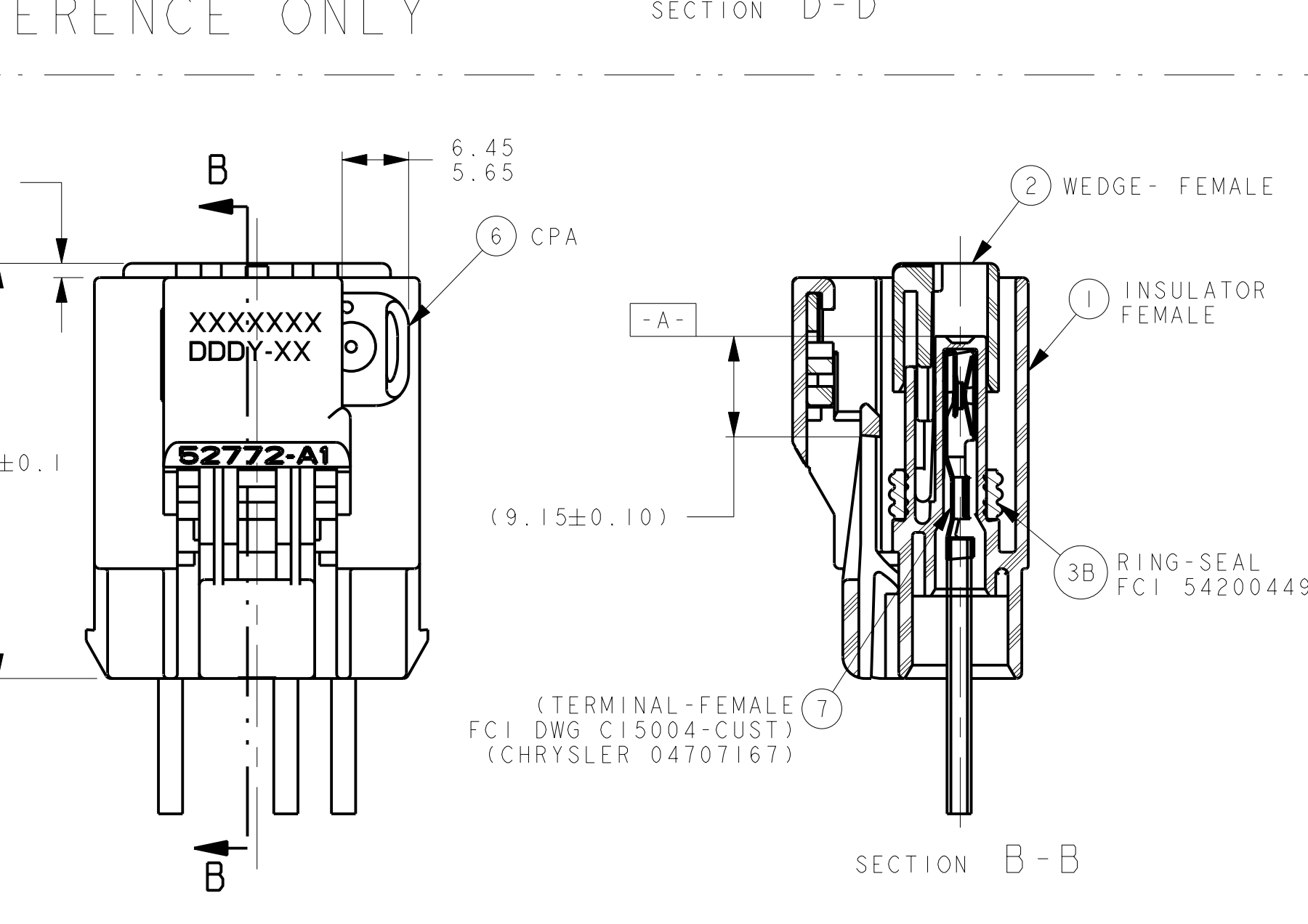
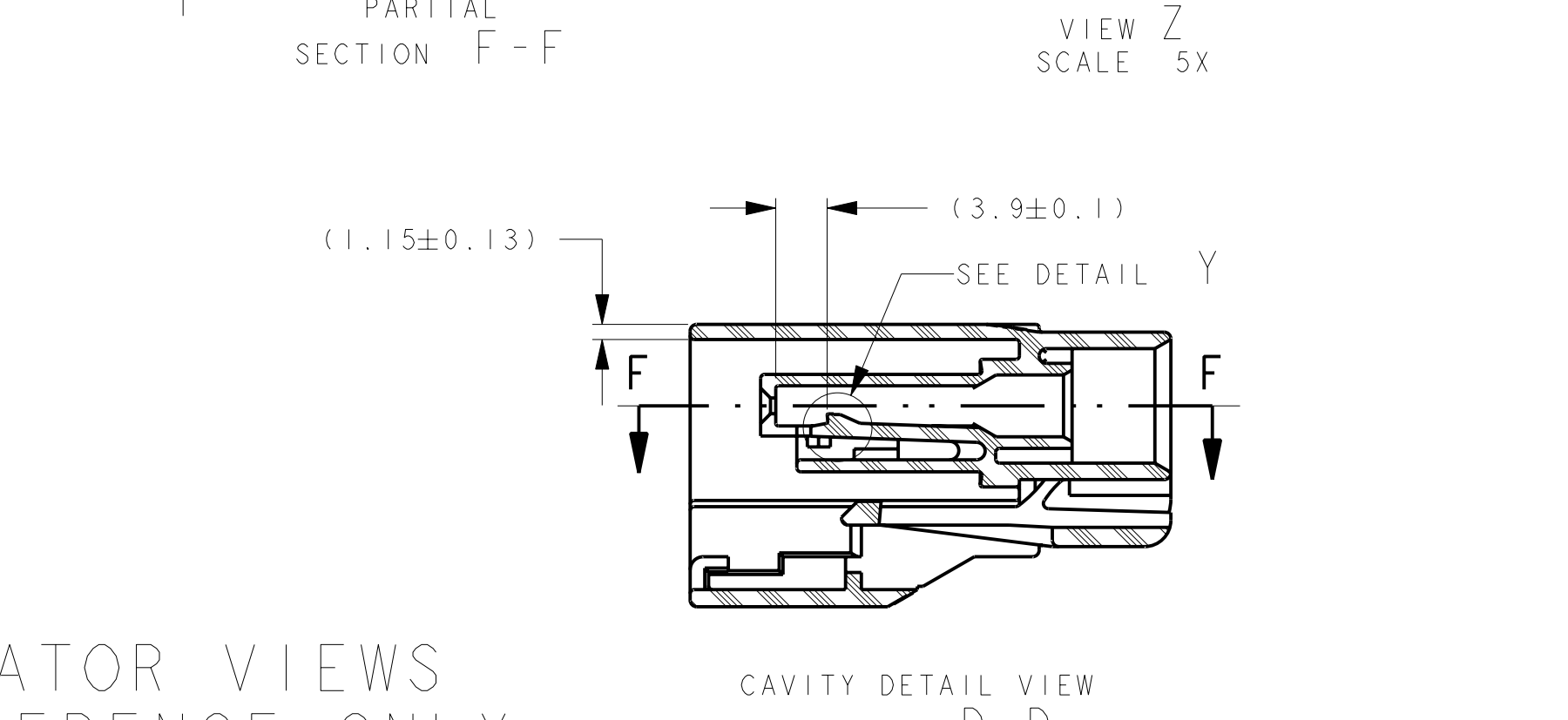
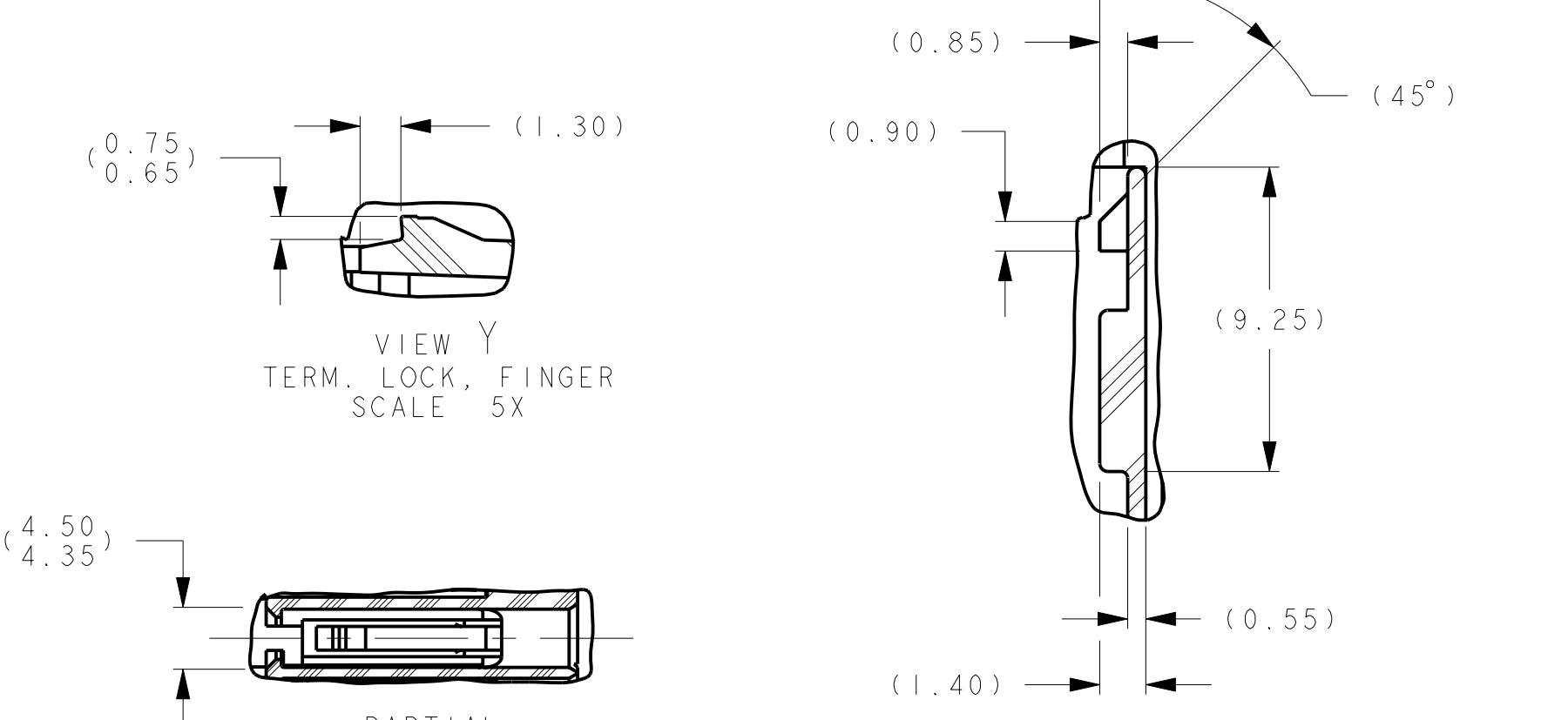
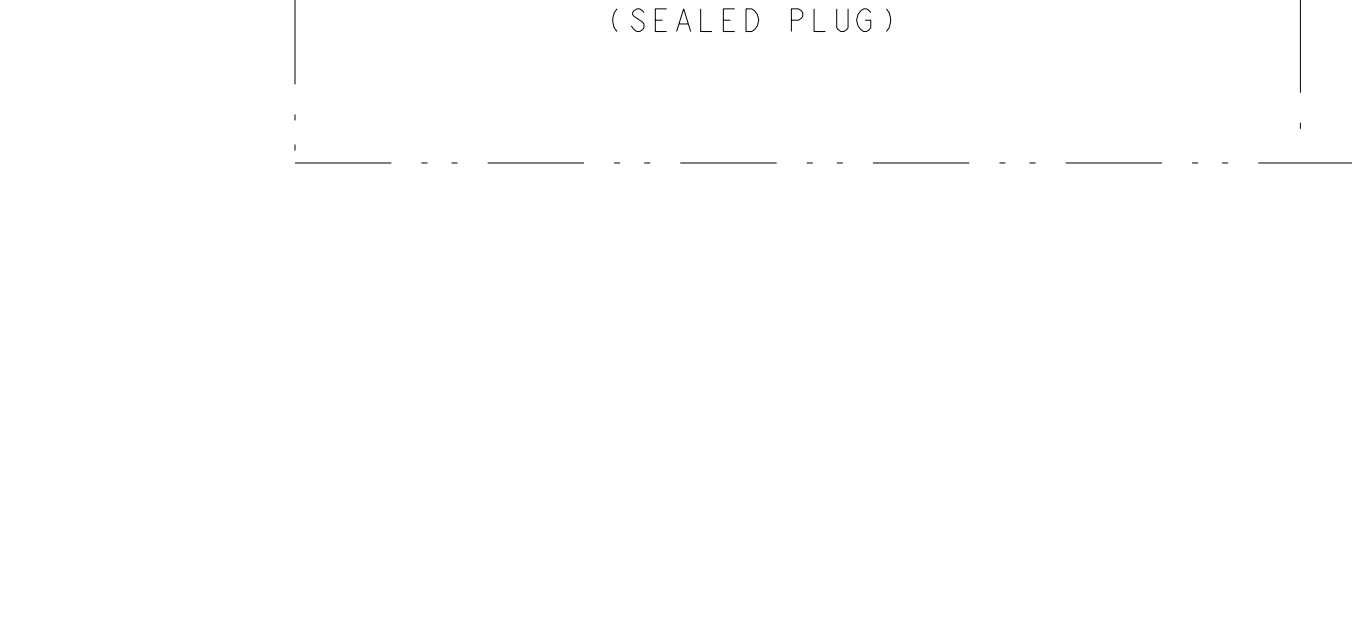
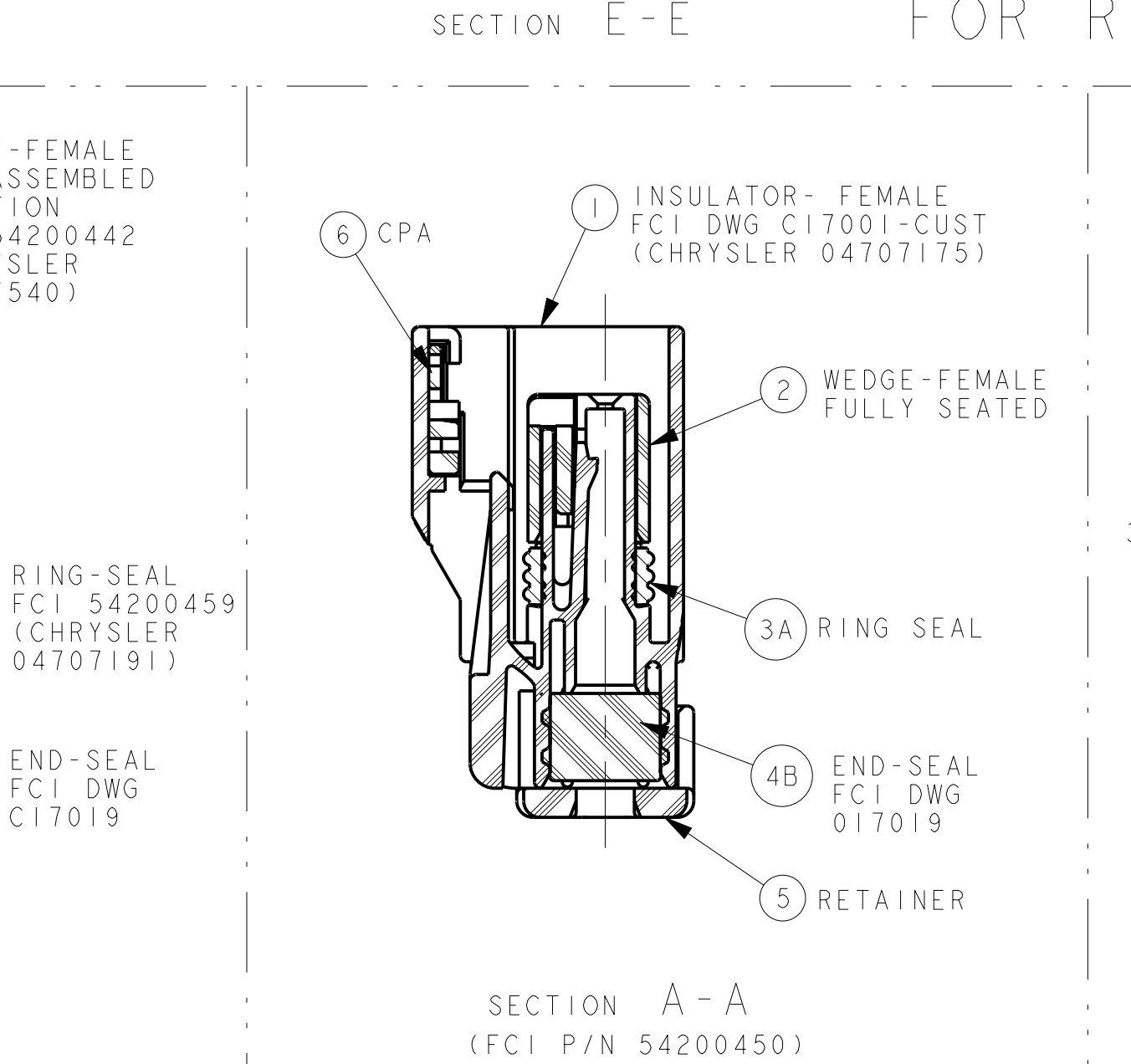
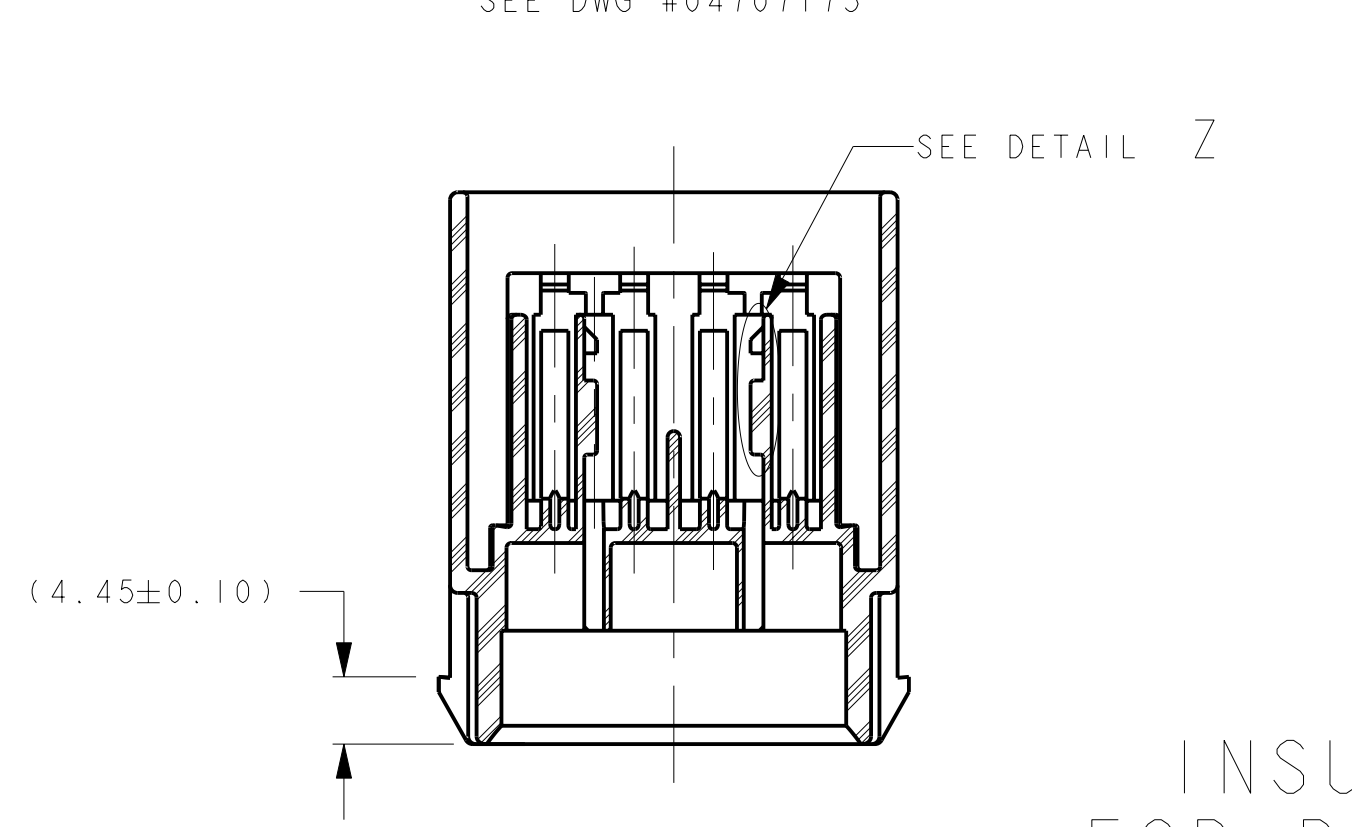
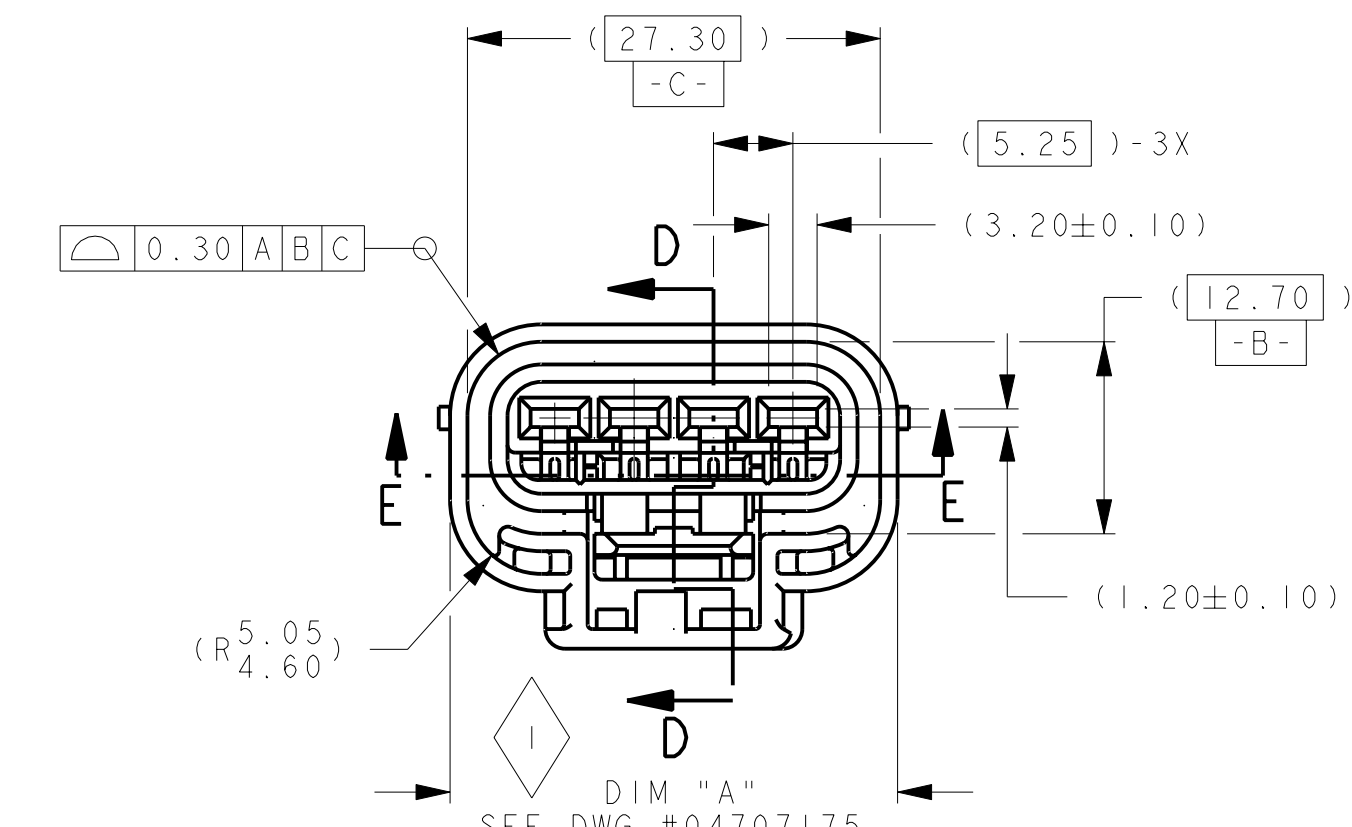
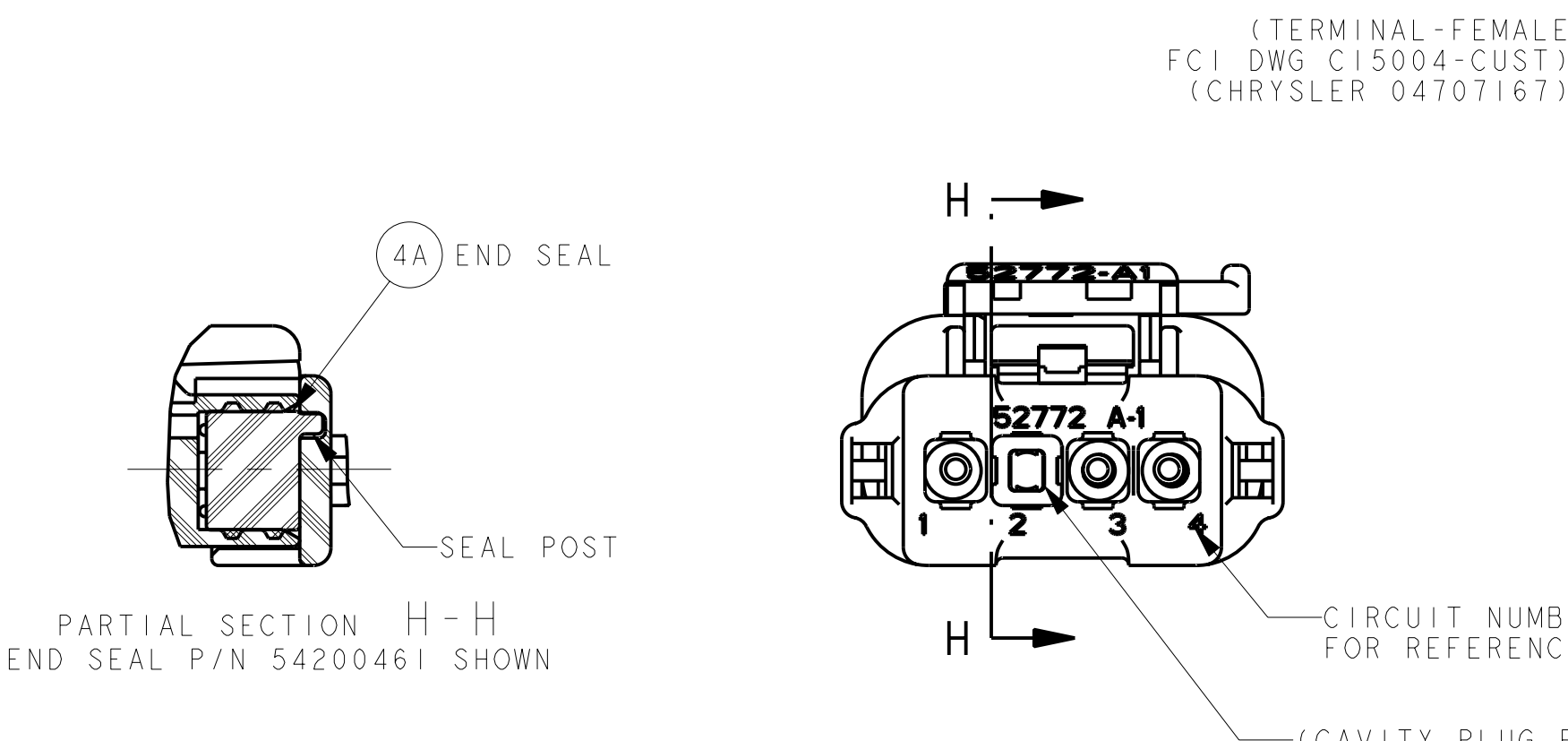
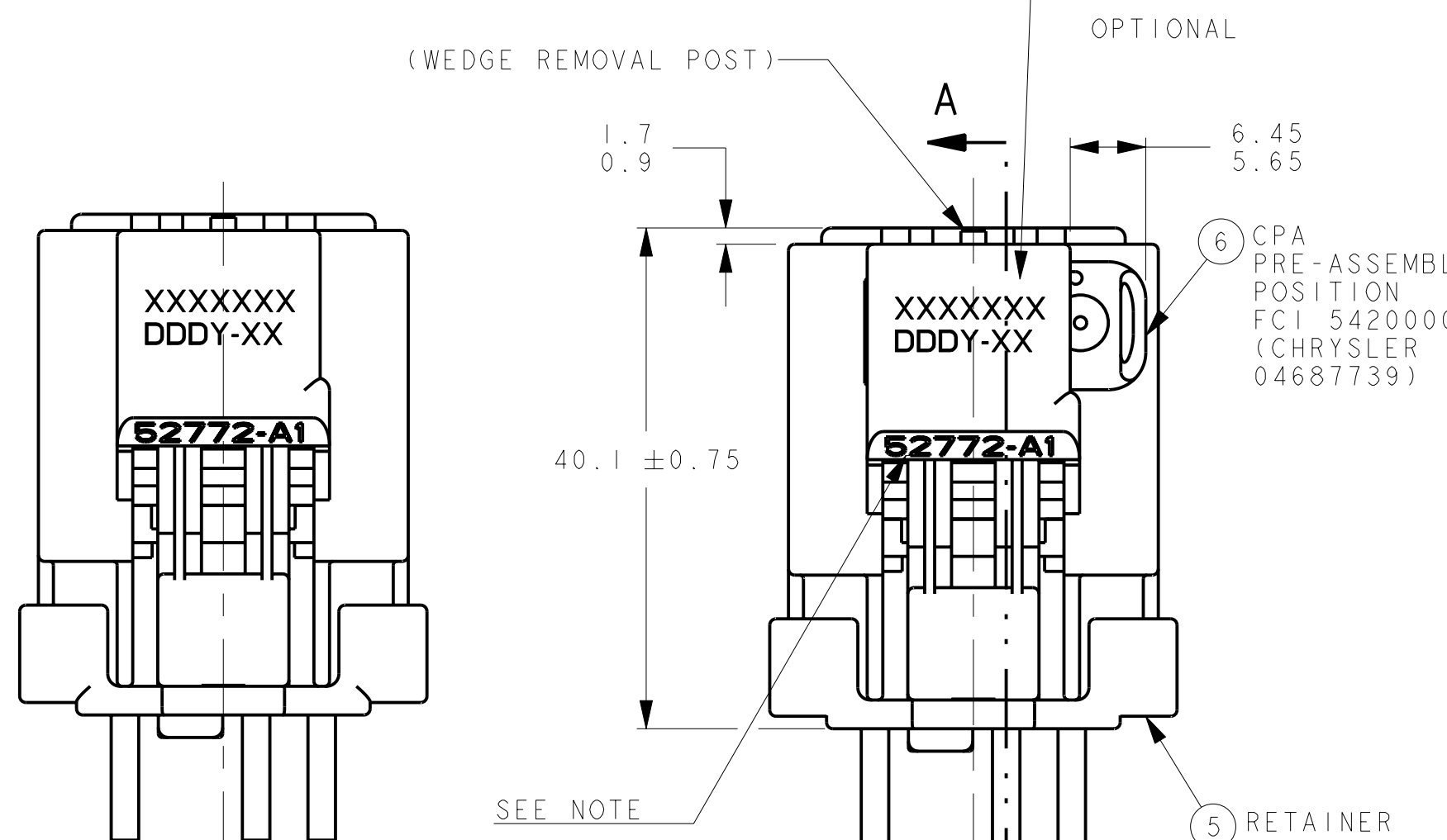
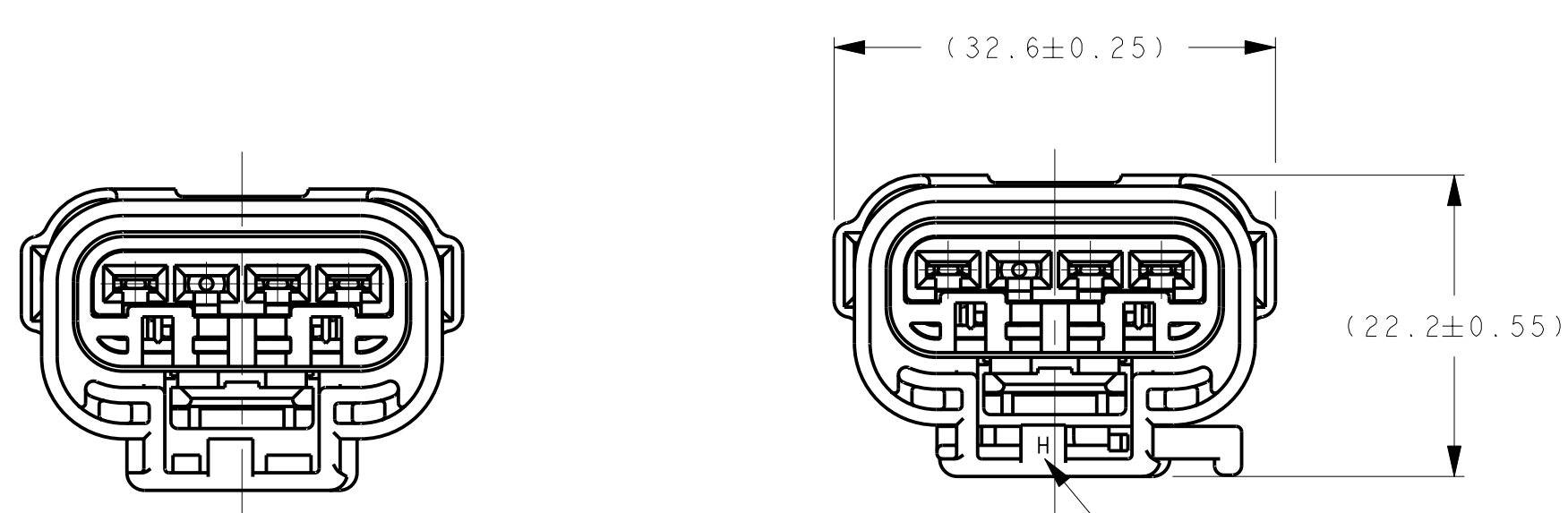


INSULATOR VIEWS FOR REFERENCE ONLY

POLARIZATION OPTIONS FULL SIZE SHOWN W/CPA

POLARIZATION OPTIONS FULL SIZE SHOWN W/O CPA

- NOTES:
- QUALITY ASSURANCE REQUIREMENTS PER CHRYSLER PS-7300: 1 SPC NUMBER REQUIRED
 - 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 X 16, 18, 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 TEFELON 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 DEPRESSION 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)

MATING PART NUMBER CHART							
D	NATURAL	UNSEALED	54200404N	N/A	54200424, 54200408	N/A	
		UNSEALED	54200404A	C 56038053	54200424, 54200408	C 56042179, 5603805	
		SEALED	54200412N	N/A	54200416	N/A	
		SEALED	54200412	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	
B	DK GREY	SEALED	542004011	C 04707263	54200415	C 04707379	
		SEALED	55200428	N/A	54200429	N/A	
		BLACK	SEALED	F815600	N/A	F125600	N/A
		UNSEALED	54200402N	C 04688849	54200418, 54200419 54200417, 54200408	C 04495870, 0466192 C 04707209, T.B.D.	
A	LT GREY	SEALED	54200450N	N/A	DIRECT CONNECT	APPLICATION	
		SEALED	54200450	C 04707510	DIRECT CONNECT	APPLICATION	
		SEALED	54200444N	C 04801217AA	54200417	C 04707209	
		SEALED	54200427N	N/A	N/A	N/A	
B	BLACK	SEALED	54200422	C 04759394AA	N/A	LH FUEL PUMP	
		SEALED	54200410N	N/A	54200414, 54200418 54200419, 54200417	N/A	
		SEALED	54200410	F 413T-14464-AA	DIRECT CONNECT	APPLICATION	
		SEALED	54200410	C 04707256	54200414, 54200418 54200419, 54200417	C 04707267, 0449587 C 04661922, 0470720	
A	BLACK	SEALED	54200495	N/A	F598500, F706000	N/A	
		SEALED	54200480N	N/A	54200420/F598500	N/A	
		SEALED	54200495	F 405T-14464-AA	DIRECT CONNECT	APPLICATION	
		SEALED	54200480	C 04759900AA	54200420/F598500	LOW PERM HDR	
B	BLACK	SEALED	F715600	N/A	F025600	N/A	
		UNSEALED	54200400N	N/A	54200405	N/A	
		UNSEALED	54200400	C 56038052	54200405	C 56038054	
		UNSEALED	INDEX-A	INDEX-A	54200423	C 56042178	
A	BLACK	SEALED	F333900	GM 13580766	DIRECT CONNECT INDEX-A	N/A	
		SEALED	54200467N	N/A	F860600/DIR CONNECT	N/A	
		SEALED	54200467	C 04866299AA	F860600/DIR CONNECT	SOLID STATE RELAY	
		SEALED	54200409N	N/A	54200413, 54200426	N/A	
B	BLACK	SEALED	54200409	C 04707262	54200413, 54200426	C 04707266, 0475923	
		SEALED	54200421N	N/A	54200425	N/A	
		SEALED	54200421	C 04759251	54200425	C 04759253	
		SEALED	F398500	N/A	F498500	N/A	
A	BLACK	SEALED	INDEX-A	INDEX-A	54200426, 54200427 54200468	C 04759236, 5604244 C 04759236AB	
		SEALED	55200445	N/A	55200446	N/A	
		FCI	CUSTOMER	FCI	CUSTOMER		
		INDEX TYPE	COLOR	SEALED/ UNSEALED	FEMALE ASSEMBLY PART NUMBERS	MATING ASSEMBLY PART NUMBER FOR REFERENCE ONLY	
CUSTOMER: CHRYSLER - C FORD - F GENERAL MOTORS - GM							
FCI		52772 OR 52772 H		SEE CHART			
VENDOR		VENDOR CODE		P/N			

ASSEMBLY PART NUMBER CHART												
UNSEALED			SEALED									
W/O CPA		W/CPA	W/CPA					W/O CPA				
CUSTOMER P/N'S												
54200400N												
54200403N												
54200404N												
54200407N												
54200410N												
54200411N												
54200412N												
54200415N												
54200416N												
54200417N												
54200418N												
54200419N												
54200420N												
54200421N												
54200422N												
54200423N												
54200424N												
54200426N												
54200428N												
54200440N												
54200409N												
54200410N												
54200411N												
54200412N												
54200421N												
54200430N												
54200480N												
54200447N												
54200450N												
54200409N												
54200410N												
54200411N												
54200412N												
54200421N												
54200430N												
54200480N												
54200447N												
54200450N												

CLASS 3				CLASS 4			
REQUIRED	FCI NO.	CHRYSLER NO.	COLOR	PART NAME (MAT'L)	INDEX	FCI NO.	COLOR
I	54200431	04707186	BLK	INSULATOR-FEMALE (NYLON)	A	55200442	BLACK
I	54200435	04688853	LT GRY	INSULATOR-FEMALE (NYLON)	B	F325600	BLACK
I	54200433	04707188	DK GRY	INSULATOR-FEMALE (NYLON)	C	F425600	BLACK
I	54200434	04707189	NATURAL	INSULATOR-FEMALE (NYLON)	D	F256000	BLACK
I	54200442	04707540	AQUA	WEDGE-FEMALE; (NYLON)		55200443	NATURAL
I	54200459	04707191	RED	RING SEAL; (SILICONE)		*55200444	DK BLU
I	54200449	N/A	GRN	RING SEAL; (FLUOROSILICONE)			
I	54200428	N/A	LT BLU	END SEAL; (SILICONE)		*55200439	DK BLU
I	54200429	N/A	BURNT ORG	END SEAL; (SILICONE)			
I	54200461	N/A	BRT RED	END SEAL; (SILICONE) HYBRID			
I	54200469	N/A	LT GRY	END SEAL; (SILICONE) HYBRID			
I	54200458	N/A	BRT YEL	END SEAL; (SILICONE) W/O HOLES			
I	54200440	N/A	BLK	RETAINER; (NYLON)		55200438	NATURAL
I	54200003	04687739	RED	CPA LATCH; (NYLON)		54200008	NATURAL

CONNECTOR ASSEMBLY TEMPERATURE CLASS PER SAE/USCAR-2 REV 5												
PART CHANGE LEVEL (PCL)												
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
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U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U	U	U	U	U
U	U	U	U	U	U	U	U	U				