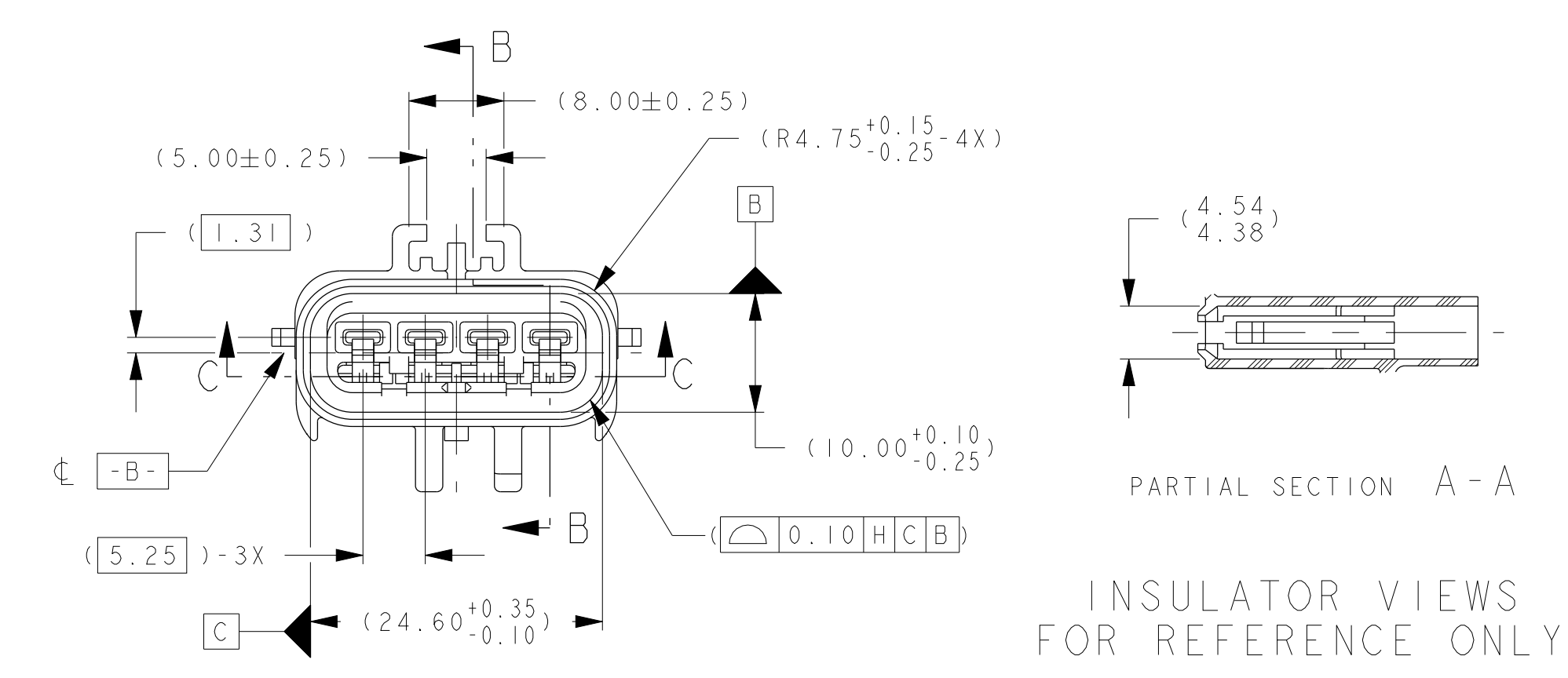
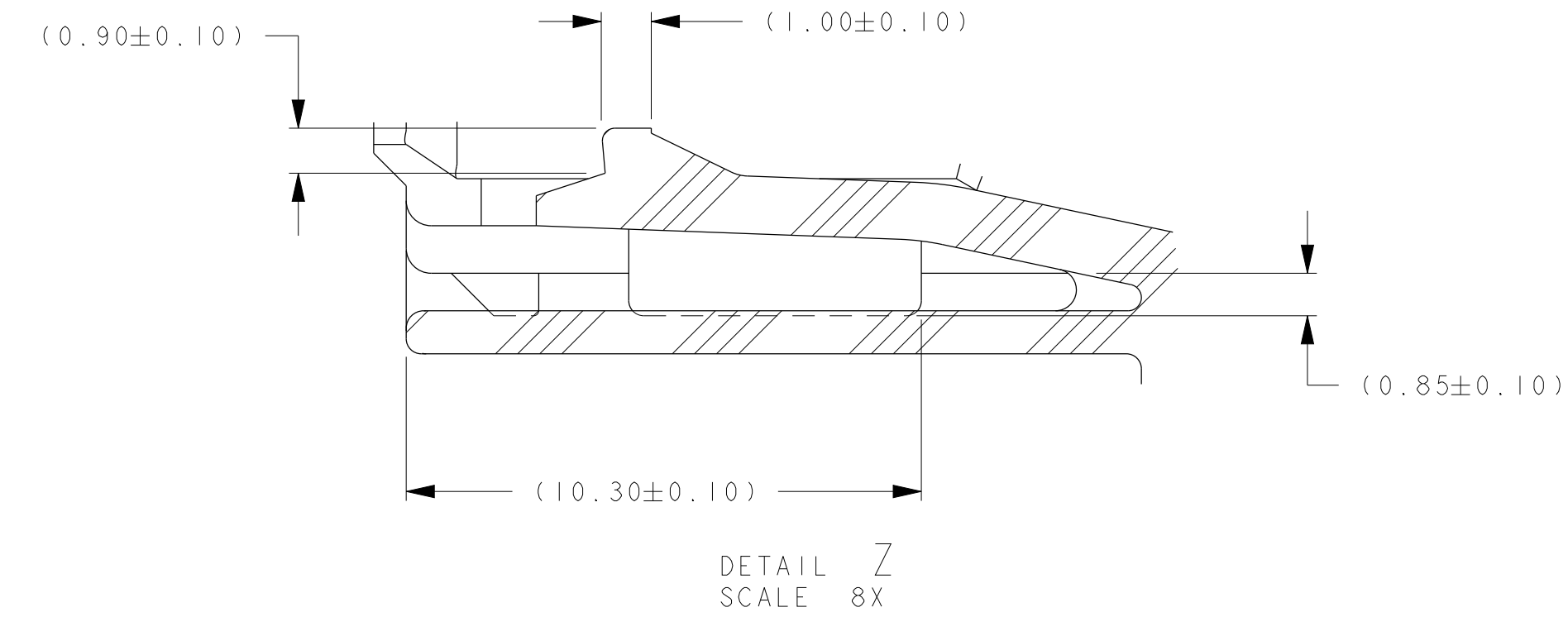
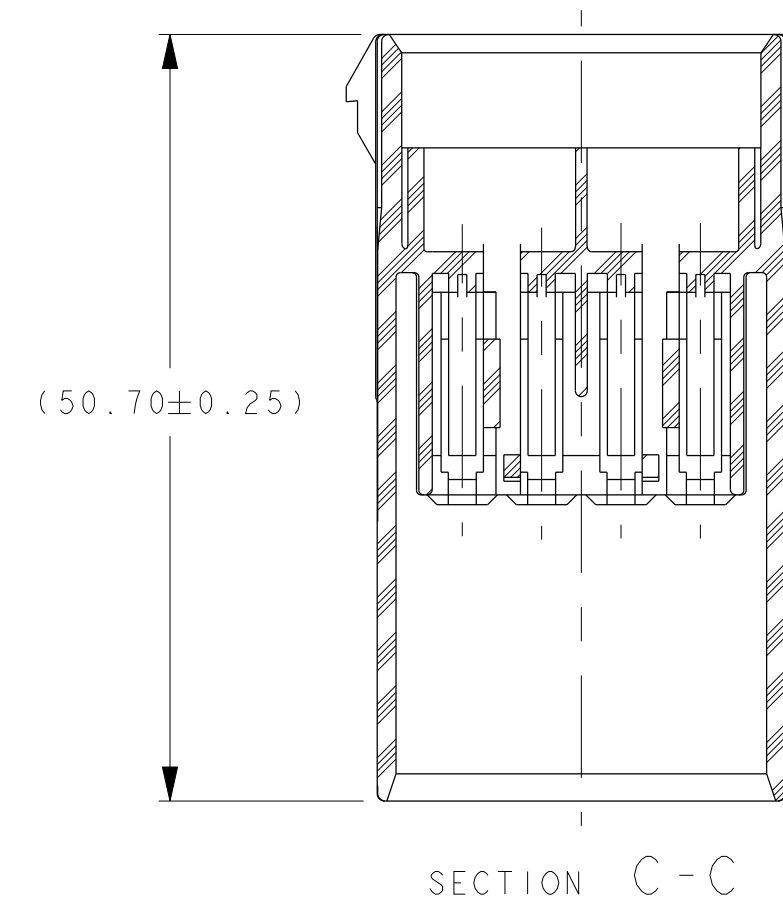
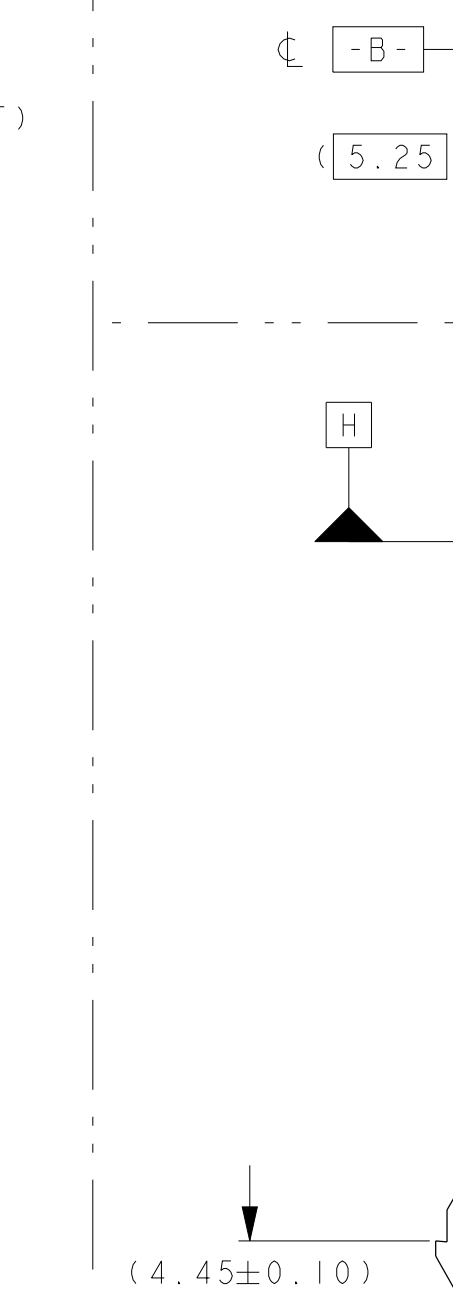
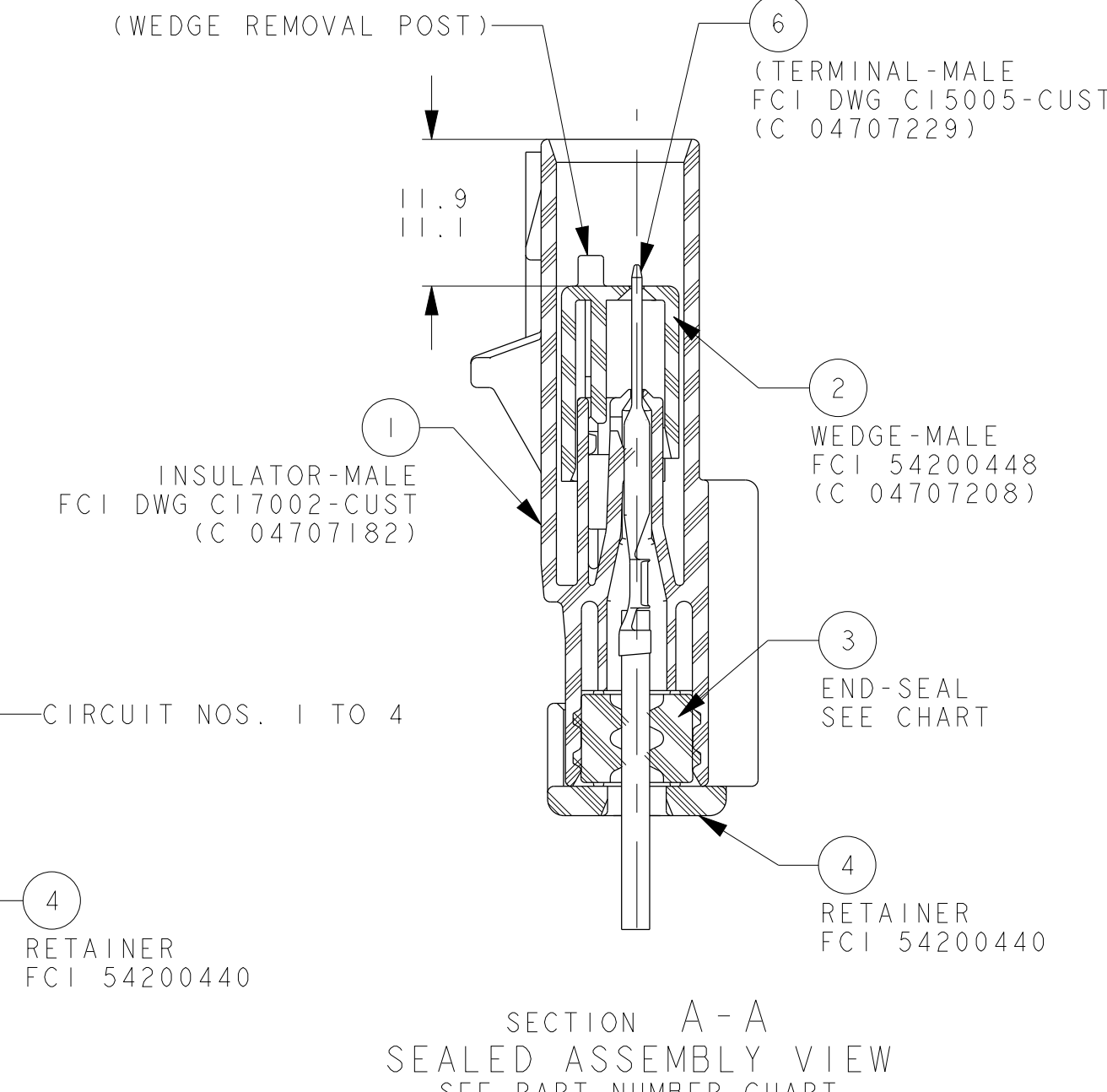
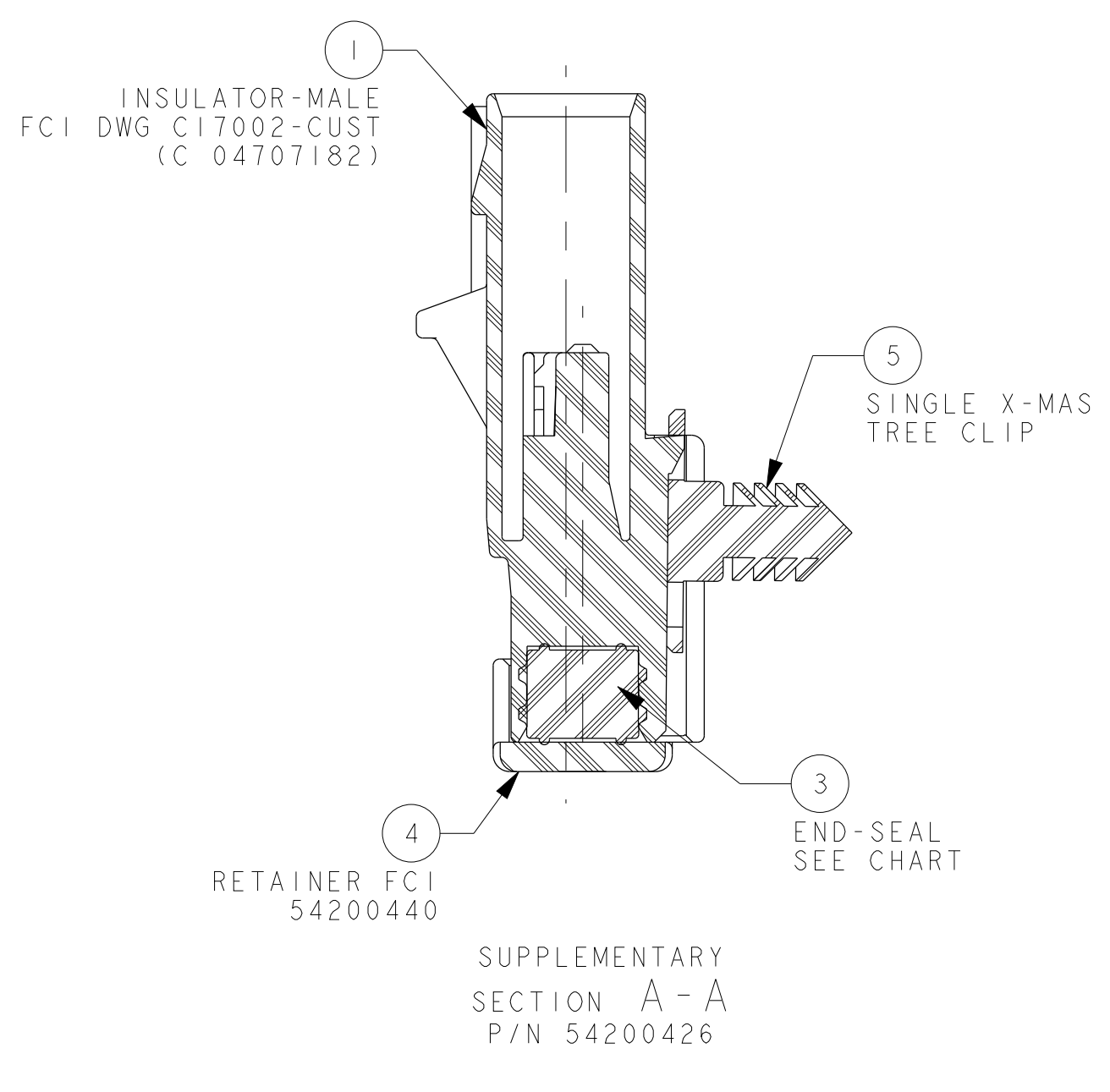
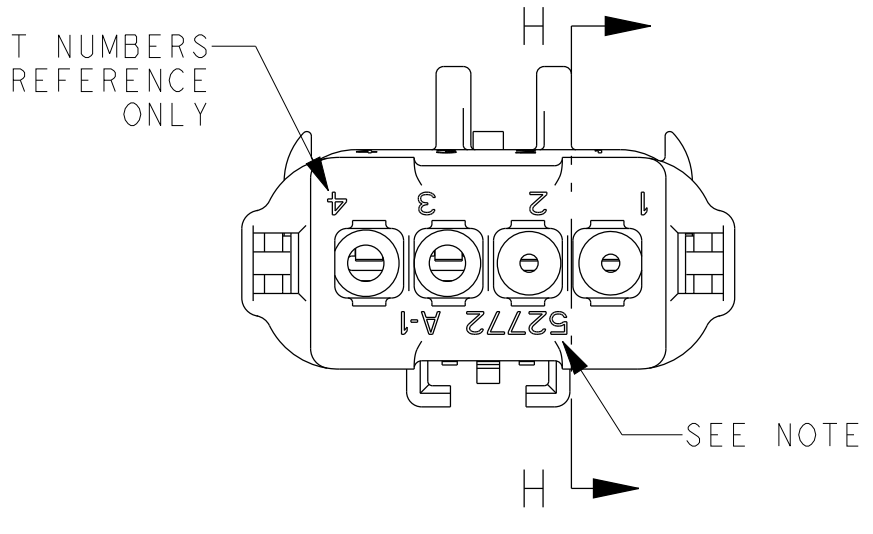
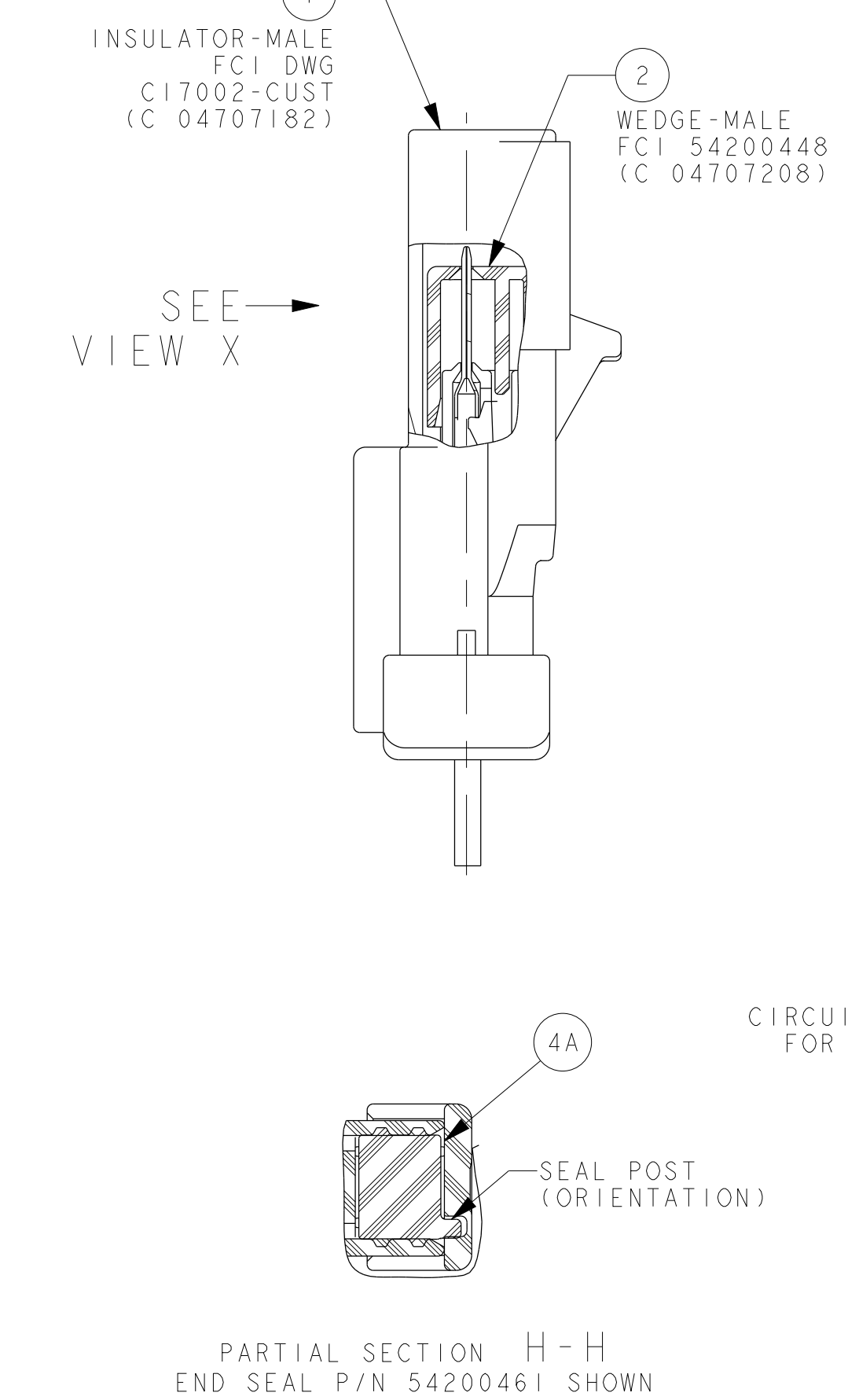
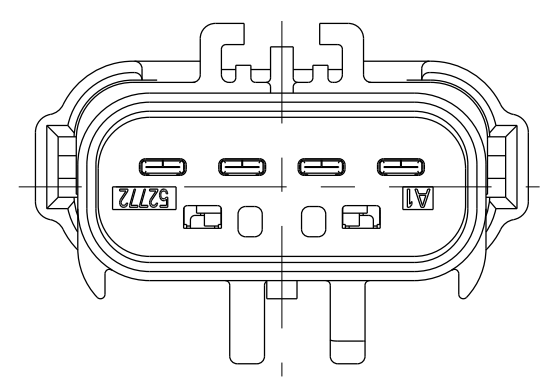


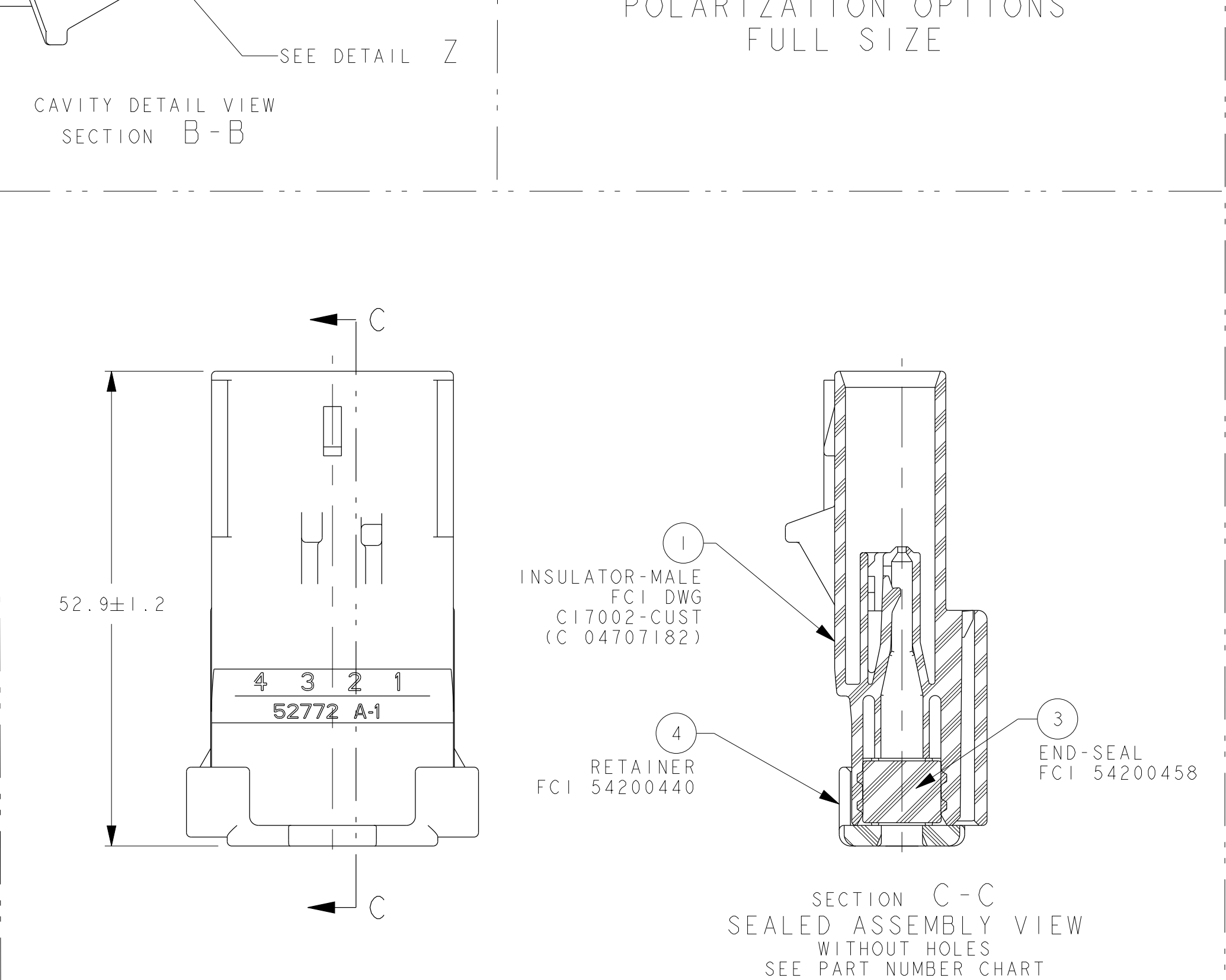
LAST 5 DIGITS OF 8 DIGIT P/N & PART CHANGE LEVEL (PCL) OR  
 LAST 6 DIGITS OF 10 DIGIT OR OF PDS P/N & PART CHANGE LEVEL (PCL)  
 MFG. DAILY DATE CODE & ASSY MACHINE NO. LETTERING MUST BE LEGIBLE

OPTIONAL

PARTIAL VIEW X



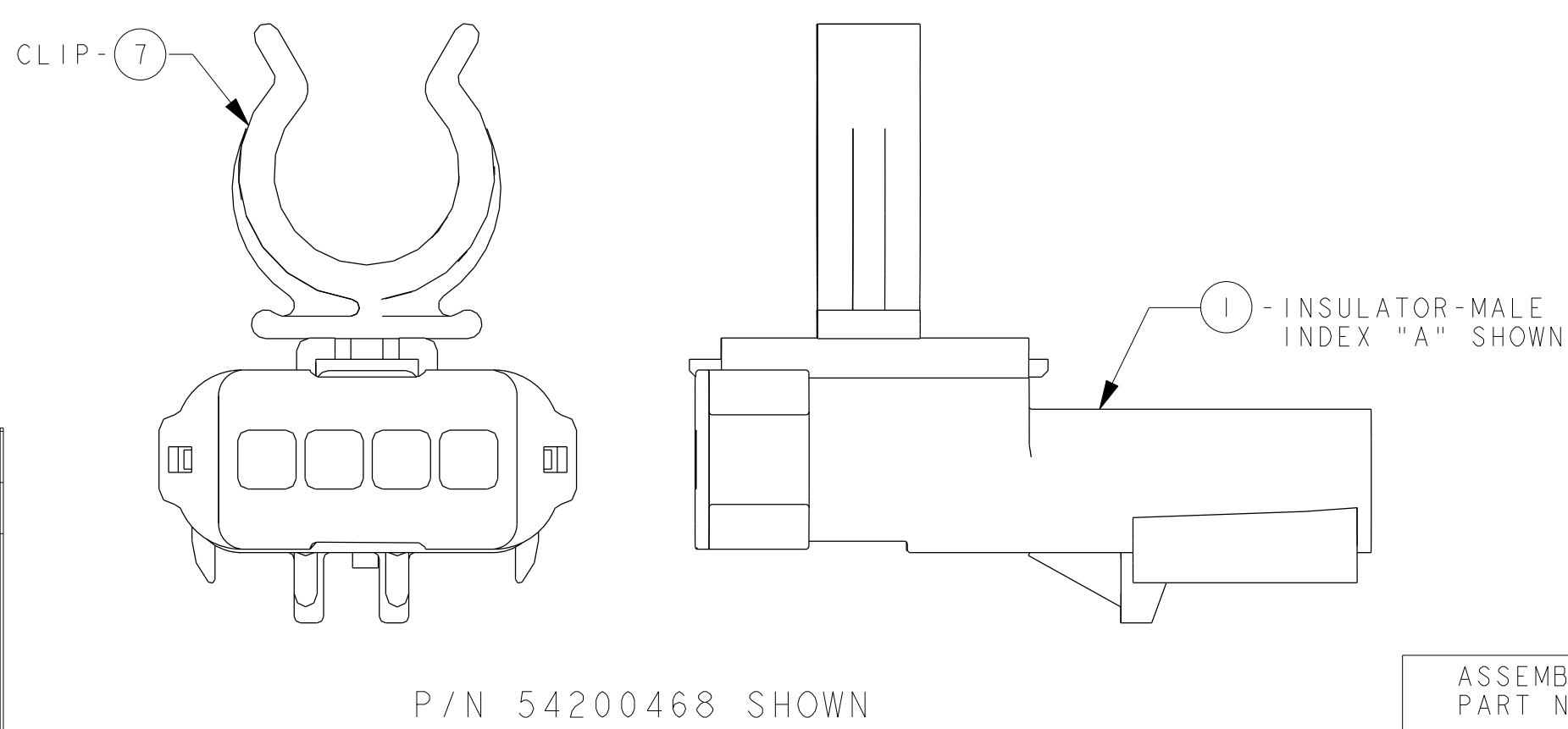
INSULATOR VIEWS FOR REFERENCE ONLY



POLARIZATION OPTIONS FULL SIZE

MATING PART NUMBER CHART						
D	NATURAL	UNSEALED		SEALED		
		FCI DWG	ASSEMBLY PART NOS.	FCI DWG	ASSEMBLY PART NOS.	
D	NATURAL	UNSEALED	54200424, 54200408	N/A	54200404N	
		SEALED	54200416	N/A	54200412N	
	BLACK	UNSEALED	54200418, 54200419, 54200406	C 56042179, 56038055	54200404	C 56038053
		SEALED	54200417, 54200406	C 04707380	54200412	C 04707264
C	DK GREY	UNSEALED	54200407	N/A	54200403N	
		SEALED	54200407	C 56038194	54200403	C 56038193
	BLACK	UNSEALED	54200415	N/A	54200411N	N/A
		SEALED	54200415	C 04707379	54200411	C 04707263
F	LT GREY	UNSEALED	55200429	N/A	55200428	
		SEALED	F125600	N/A	F815600	N/A
	BLACK	UNSEALED	54200418, 54200419, 54200406	C 04495870, 04661922, 04707209	54200402N	C 04668849
		SEALED	54200417, 54200406	C 04707209	54200442N	N/A
B	LT GREY	UNSEALED	54200414, 54200417	N/A	54200410N	
		SEALED	54200414, 54200417	N/A	54200410N	
	BLACK	UNSEALED	54200420, 54200405	C 04707267, 04495870, 04661922, 04707209	54200410	C 04707256
		SEALED	54200420, 54200405	N/A	54200495	N/A
A	BLACK	UNSEALED	54200420, 54200405	N/A	54200480N	
		SEALED	54200420, 54200405	N/A	54200480N	
	BLACK	UNSEALED	54200405	C 56038054	54200400	C 56038052
		SEALED	54200423	C 56042178	N/A	INDEX A
INDEX TYPE	SEALED/UNSEALED	FCI	CUSTOMER	FCI	CUSTOMER	
		FCI	CUSTOMER	FCI	CUSTOMER	
	MALE ASSEMBLY PART NUMBERS		MATING ASSEMBLY PART NUMBERS FOR REFERENCE ONLY			
	FCI	52772 OR 52772 H	SEE CHART			

CUSTOMER P/N'S	UNSEALED								SEALED											
	FCI P/N'S	CUSTOMER P/N'S	FCI P/N'S	CUSTOMER P/N'S	FCI P/N'S	CUSTOMER P/N'S	FCI P/N'S	CUSTOMER P/N'S	FCI P/N'S	CUSTOMER P/N'S	FCI P/N'S	CUSTOMER P/N'S								
54200405	54200423	54200406	54200407	54200408	54200424	54200413	54200414	54200415	54200416	54200425	F100010	F860600	F760600	F598500	F498500	54200426	54200427	54200468	F291210	
REQUIRED										REQUIRED										
I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
WIRE GAGE										WIRE GAGE										



P/N 54200468 SHOWN

CUSTOMER LEGENDS:  
 CHRYSLER - C  
 FORD - F  
 GENERAL MOTORS - GM

- NOTES:
- 1. QUALITY ASSURANCE REQUIREMENTS PER CHRYSLER 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, 12 & 10 GAGE WIRES ONLY UNLESS OTHERWISE SPECIFIED SEE CHART (WIRE INSULATIONS Ø1.0 MIN TO Ø4.09 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 MALE TERMINAL DRAWING
- MAX. INSULATION CRIMP WIDTH = 4.50  
 MAX. INSULATION CRIMP HEIGHT = 4.50  
 MAX. INSULATION CRIMP 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 DOUBLE X-MAS TREE CLIP FCI P/N 54200010 WITH FORWARD STOP WHEN REQ'D USE WITH DOUBLE X-MAS TREE CLIP CHRYSLER P/N 04707091 WHEN REQUIRED USE WITH SINGLE X-MAS TREE CLIP CHRYSLER P/N 04625797 WHEN REQUIRED USE WITH 2.80MM APEX MALE TERM PER C15005-CUST SYM ABOUT CENTERLINE FOR 180° ORIENTATION
  - 8. DIRECT CONNECT DRAWING NO. G36004 (CHRYSLER 04707185)
  - 9. TEST METHOD PER PERFORMANCE SPEC SAE/JUSCAR-2 REV. 5, CONNECTOR ENGAGE & DISENGAGE WITH FEMALE LATCH DEPRESSED FORCE NOT TO EXCEED 75N FOR THIS SYSTEM
  - 10. WEDGE SEATING FORCES - 100N MAX
  - 11. X-MAS TREE CLIP INSERTION FORCES - 75N MAX
  - 12. SUPPLIER, MOLD & CAVITY I.D. SIGNIFIES TOOL OWNERSHIP, FOR REFERENCE
  - 13. ANNUAL QUALITY REQUIREMENTS: IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER FCI SPECIFICATION #AA-001 INSTEAD OF ANNUAL LAYOUT & ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 & SAE/JUSCAR-2 REV. 5
  - 14. ALL NON-REFERENCE DIMENSIONS ARE REQUIRED
  - 15. USE INDEX A, BLACK SEALED AND UNSEALED FOR ALL AFFECTED INSULATOR CAVITIES
  - 16. CURRENT PRODUCTION TOOLING
  - 17. POINT OF LAST RUN
  - 18. SERVICE TOOLING GUIDE INFORMATION PER APEX TRAINING MANUAL MUST CONFORM TO THE FOLLOWING CHRYSLER/YNA STANDARDS:
  - 19. SAE/JUSCAR-2 REV. 5 PS-7300 QUALITY ASSURANCE (CHRYSLER) MS-9502 SEAL APPL. 150° C MS-8288 SEAL APPL. 125° C PS-9227 DATA EXCHANGE (CHRYSLER), (GOC9-7 YNA) PS-10052 INFORMATION SECURITY (CHRYSLER)
  - 20. THIS DRAWING (H59012) REPLACES CHRYSLER DRAWING NUMBER 04707265 LEVEL "P" CHRYSLER DRAWING IS FOR REFERENCE ONLY FOR PREVIOUS CHANGES
  - 21. PARTS WITH BURNT ORANGE ENDOSEAL CAN BE USED WITH 12 GA OR 14 GA IN ANY ORDER OR COMBINATION OR W/THREE 12 GA AND ONE 18 OR 16 GA WIRE (ONE END)

REV	DATE	DESCRIPTION	BY	CHKD
11	02/14	E14 MATERIAL P6667 WAS NYLON 66 PLAN VIEW ADDED FOR CIRCUIT LOCATIONS		
11784	ALL	REVISED AND REDRAWN IN PDS. P/N F100010 TEMP CLASS 3 ADDED W/END SEAL 54200461 (2010 GAGE FOR CIRCUITS 1 & 2)		

DO NOT REMOVE	DATE	NAME	TITLE	DRAWING NUMBER	REV	APPN. ENG
APPEL 2.80MM			CHART - ASSEMBLY			
			4 WAY MALE			

REV	DATE	DESCRIPTION	BY	CHKD
11	02/14	E14 MATERIAL P6667 WAS NYLON 66 PLAN VIEW ADDED FOR CIRCUIT LOCATIONS		