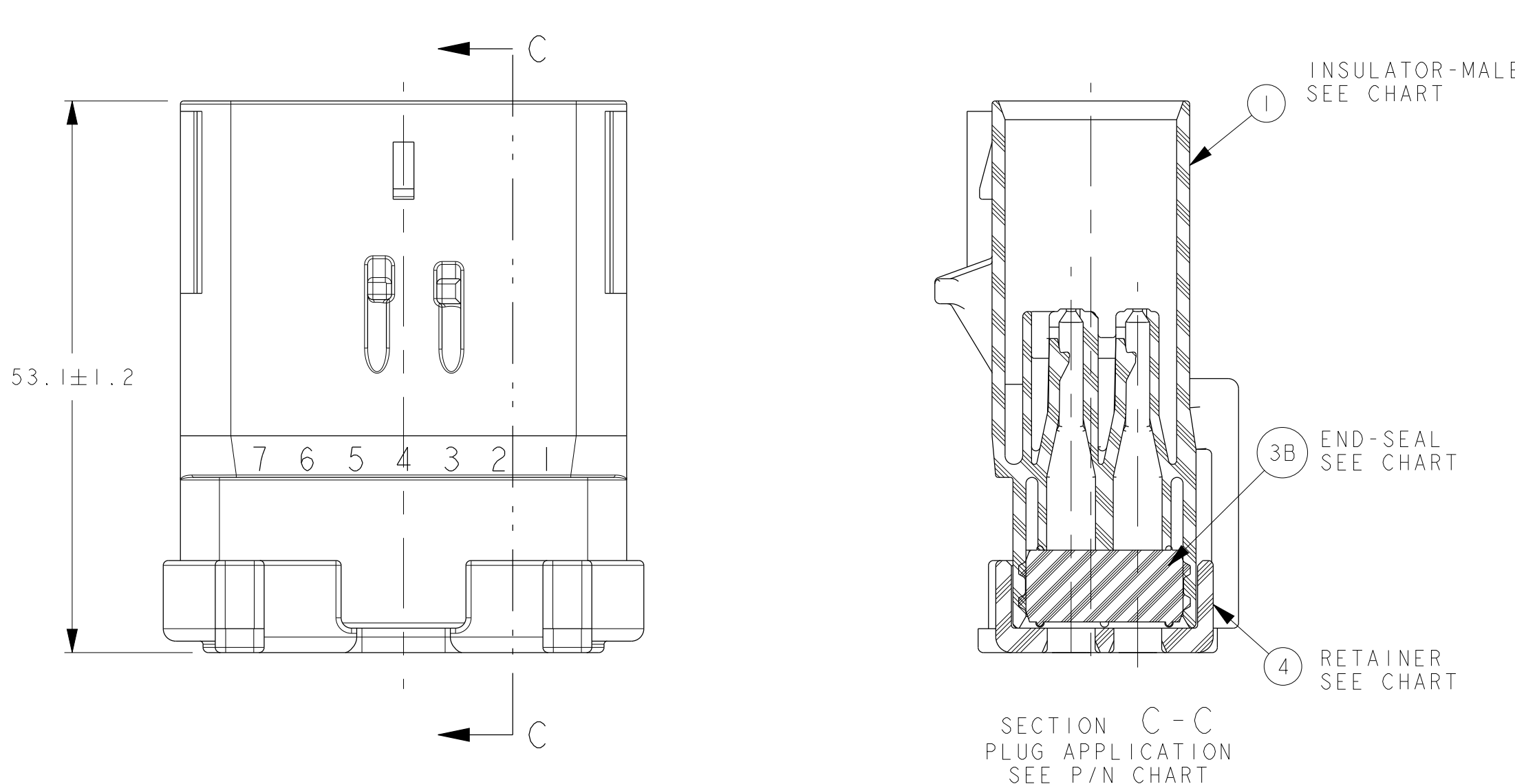
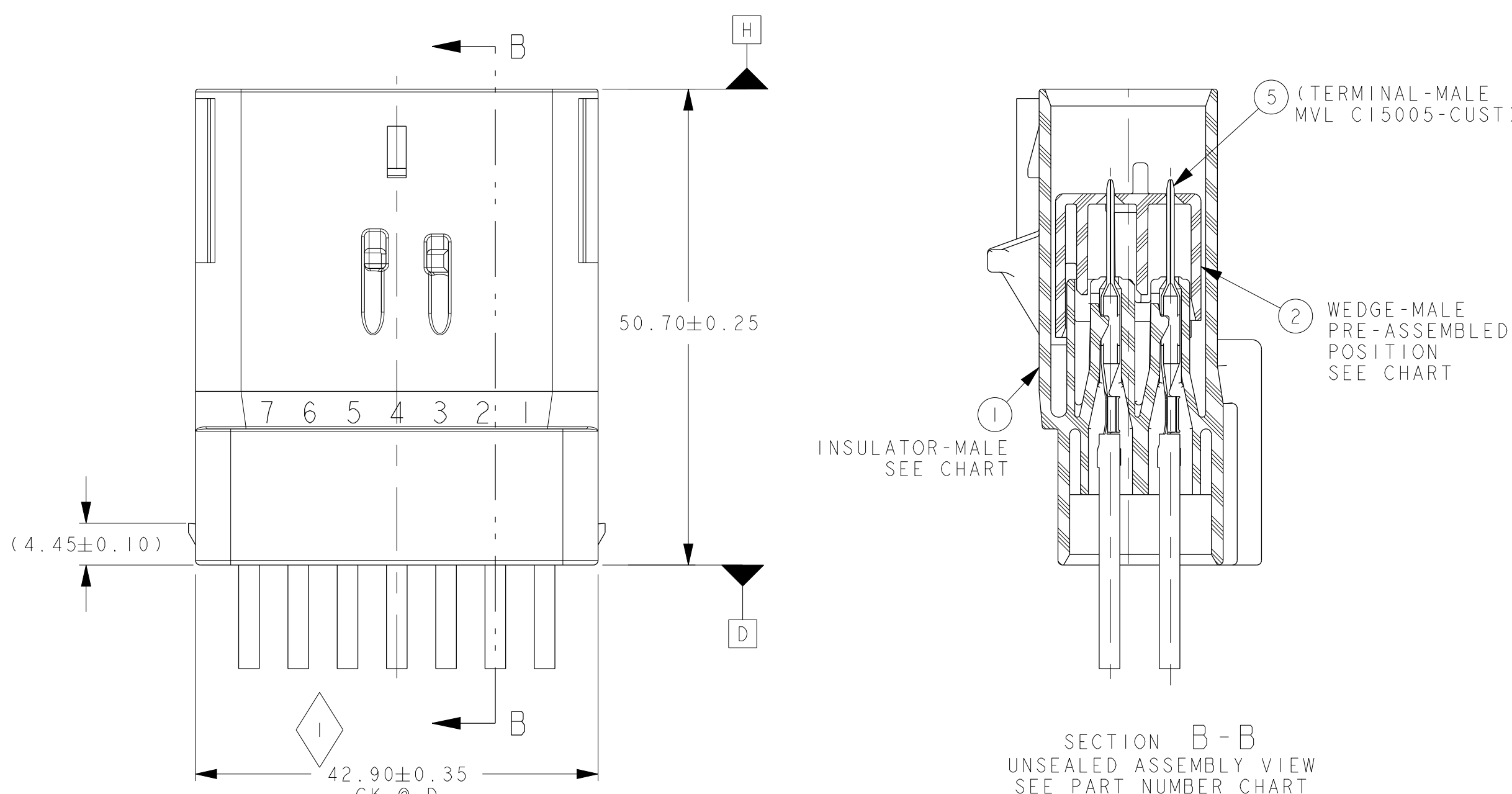
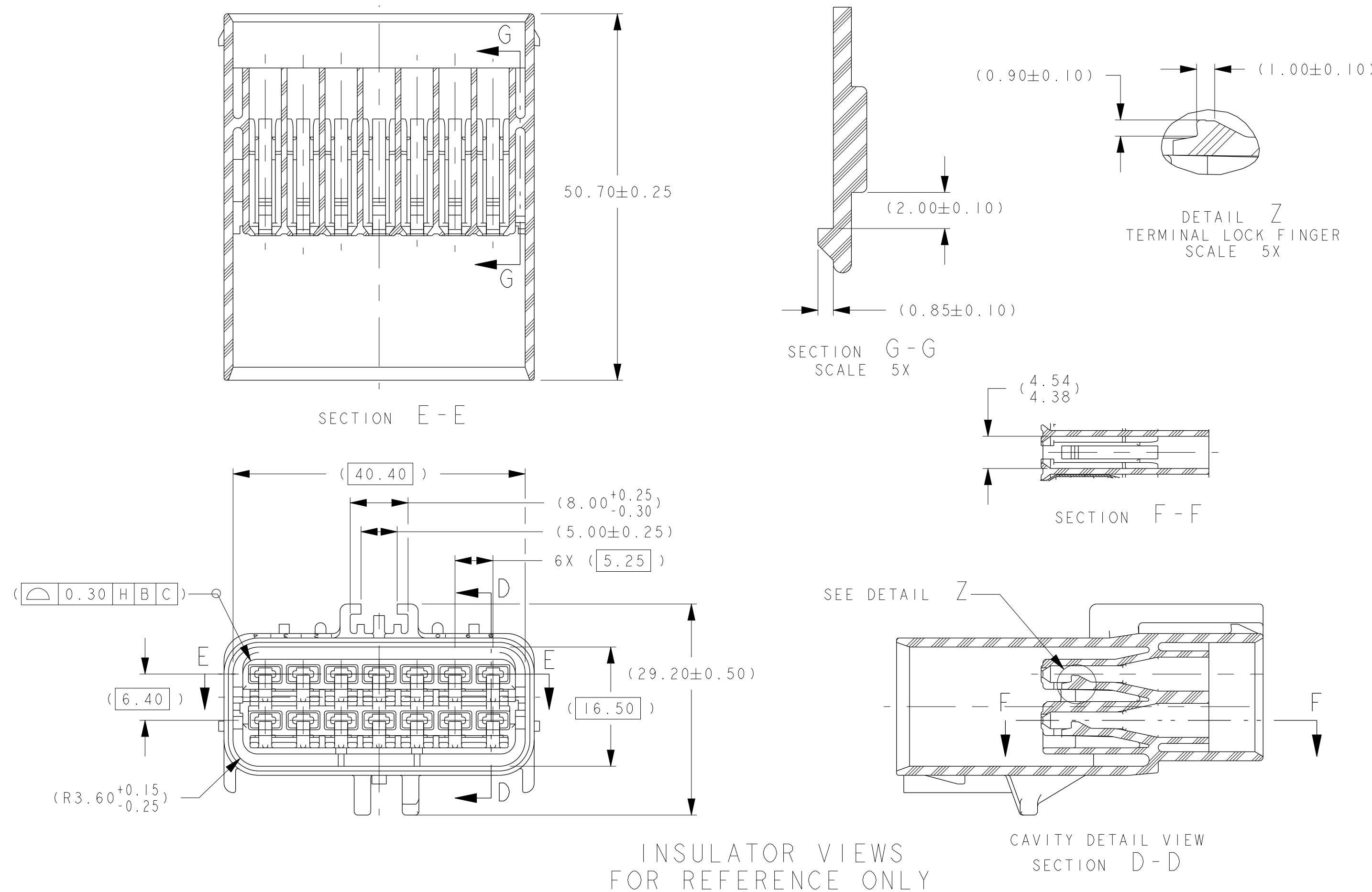
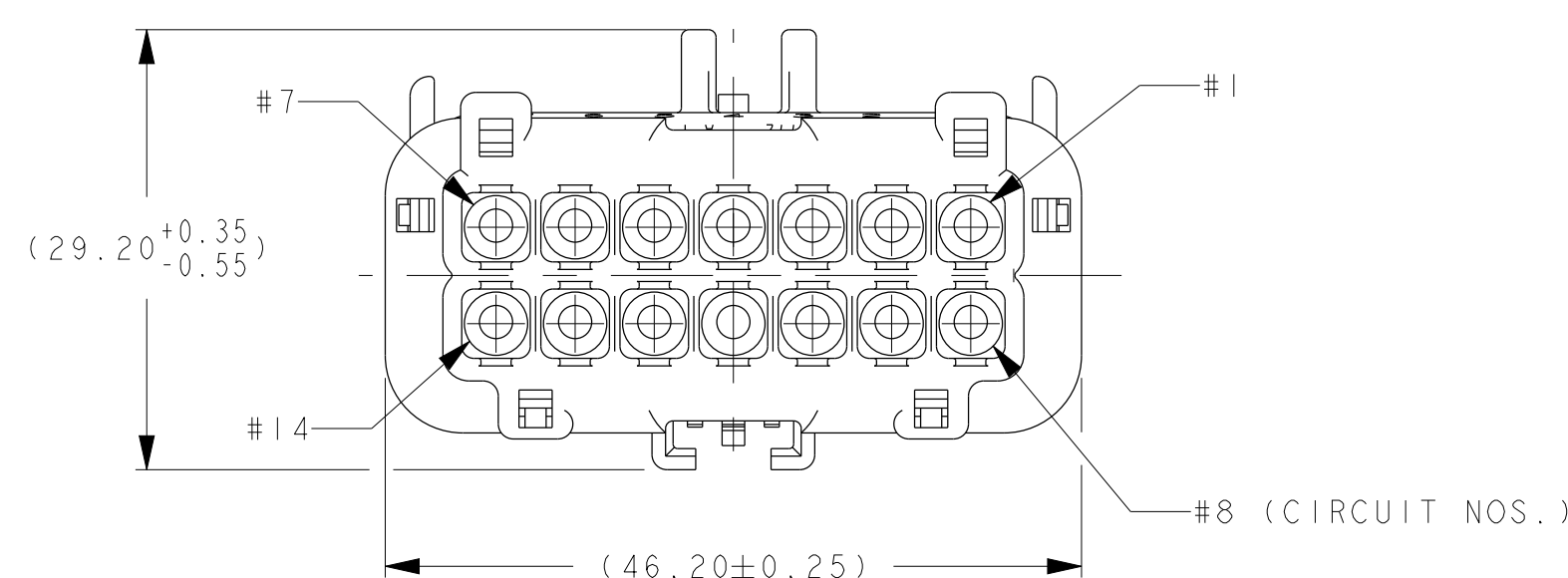




- NOTES:
- 1 QUALITY ASSURANCE REQUIREMENTS PER CHRYSLER PS-7300: 1 SPC DATA REQUIRED
- 2 ENGINEERING APPROVAL OF SUPPLIER SAMPLES IS REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION
- 3 CHANGES IN DESIGN COMPOSITION OR PROCESSING FROM THE PART PREVIOUSLY APPROVED FOR PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL
- 4 WIRING FABRICATORS MUST PURCHASE FROM SOURCES SHOWN
- 5 ALL SEALED APPLICATIONS WITH 33401040 MAT SEAL CAN BE USED WITH FOLLOWING INSULATION RANGES:
01.70 TO 04.09 (20AWG TO 10AWG) ALL CIRCUITS
01.70 TO 03.80 (0.75mm² TO 4mm²) ALL CIRCUITS
01.70 TO 04.20 (6 CIRCUITS WITH 5mm² TO 2 ON ENDS & 2 AT CENTER AND REMAINING 8 CIRCUITS 0.75mm² TO 4mm²)
- 6 ALL NON-SEALED APPLICATIONS WITH SEALING WITH ANY WIRE 01.40 TO 04.20 OD (22AWG TO 10AWG) OR (0.5mm² TO 5mm²) EXCEPT AS NOTED PROVIDING THAT A TERMINAL GRIP FOR THAT CORE/INSULATION COMBINATION IS SHOWN ON THE MALE TERMINAL DRAWING
- NOTE: MAX. INSULATION CRIMP WIDTH = 4.50
MAX. INSULATION CRIMP HEIGHT = 4.50
MAX. INSULATION = 04.20 (10AWG OR 5mm² ISO THIN WALL)
- 7 USE WITH CAVITY PLUG MVL 54200005 DELPHI 15316894 WHEN REQ'D
USE WITH DOUBLE X-MAS TREE CLIP MVL 54200010 W/FORWARD STOP WHEN REQ'D
USE WITH SINGLE X-MAS TREE CLIP MVL 54200011 P-CHRYSLER 04625791 WHEN REQUIRED
USE WITH 2.80MM APX MALE TERM PER MVL C15005-CUST SYM ABOUT CENTERLINE FOR 180° ORIENTATION
- 8 TEST METHOD PER SAE/USCAR-2 REV.5, CONNECTOR ENGAGE & DISENGAGE WITH FEMALE LATCH DEPPRESSED FORCE NOT TO EXCEED 142N [32LBS/PF-752(T)]
FOR THIS SYSTEM
PRESSURE 3 PSI (22 KPA) PER TEST PF-752(T)
- WEDGE SEATING FORCES - 150N MAX
X-MAS TREE CLIP INSERTION FORCES - 75N MAX
- 9 SUPPLIER, MOLD & CAVITY I.D. SIGNIFIES TOOL OWNERSHIP, FOR REFERENCE
- 10 ANNUAL QUALITY REQUIREMENTS:
1. IT IS NECESSARY TO PERFORM CONTINUOUS CONFORMANCE PER MVL SPECIFICATION #AQA-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
- 11 MUST CONFORM TO THE FOLLOWING CHRYSLER/YNA STANDARDS:
1. SAE/USCAR-2 REV 5 EXCEPT AS NOTED ABOVE
2. PS-7300 QUALITY ASSURANCE (CHRYSLER)
3. MS-9502 SEAL APPL. 150 °C
4. MS-8288 SEAL APPL. 125 °C
5. PS-2227 DATA EXCHANGE (CHRYSLER), (G009-7 YNA)
6. PS-10052 INFORMATION SECURITY (CHRYSLER)
- 12 THIS DRAWING (H59016) REPLACED CHRYSLER DRAWING 04687887 REV "H"
- 13 MVL SUPPLIER CODE: 52772 OR 52772H

MATING PART NUMBER CHART											
LT GREEN	UNSEALED	DIRECT CONNECT APPLICATION				54201452N	33511452	N/A	N/A		
	UNSEALED	DIRECT CONNECT APPLICATION				54201452	33511460	04686345AA	N/A		
D	NATURAL	UNSEALED	DIRECT CONNECT APPLICATION				54201403N	33511457	N/A	N/A	
		UNSEALED	DIRECT CONNECT APPLICATION				54201403	33500120	04687932	7283-4649	
		SEALED	54201464	15537591	N/A	N/A	54201414	13755839	04687928	7283-4749	
		SEALED	54201418	10757778	N/A	N/A	54201414N	33511471	N/A	N/A	
		SEALED	54201418	10757778	04707243	N/A	54201414	13755839	04687928	7283-4749	
C	DK GREY	UNSEALED	DIRECT CONNECT APPLICATION				54201402N	33511456	N/A	N/A	
		UNSEALED	DIRECT CONNECT APPLICATION				54201402	33511462	04687931	7283-4648-10	
		SEALED	54201463	15537594	N/A	N/A	54201413	10763696	04687927	7283-4748-10	
		SEALED	54201417	10757675	N/A	N/A	54201413N	33511470	N/A	N/A	
		SEALED	54201417	10757675	04707241	N/A	54201413	10763696	04687927	7283-4748-10	
B	LT GREY	UNSEALED	DIRECT CONNECT APPLICATION				54201453N	33511451	N/A	N/A	
		UNSEALED	DIRECT CONNECT APPLICATION				54201453	33511459	N/A	7283-4747-40 (E0001361)	
		UNSEALED	54201405	33500121	N/A	N/A	54201401N	33511455	N/A	N/A	
		UNSEALED	54201405	33500121	04687936	N/A	54201401	15537608	04687930	7283-4647-40	
		SEALED	54201462	15537595	N/A	N/A	54201412	13533441	04687926	7283-4645-40	
A	BLACK	SEALED	54201416	10757673	N/A	N/A	54201412N	33511469	N/A	N/A	
		SEALED	54201416	10757673	04687934	N/A	54201412	13533441	04687926	7283-4645-40	
		UNSEALED	54201404	13581869	N/A	N/A	54201442N	33511453	N/A	N/A	
		UNSEALED	54201404	13581869	04687935	N/A	54201442	33511461	04686197AA	N/A	
		UNSEALED	54201404	13581869	N/A	N/A	54201400N	33511454	N/A	N/A	
		UNSEALED	54201404	13581869	04687935	N/A	54201400	13582973	04687929	7283-4644-30	
		SEALED	54201459	15537596	N/A	N/A	54201411	10763414	04687925	7283-4641-30	
		SEALED	54201415	10757674	04687933	N/A	54201411	10763414	04687925	7283-4641-30	
		SEALED	54201415	10757674	04687933	N/A	54201419N	33511466	*04707442	7283-4746-30	
		SEALED	54201415	10757674	04687933	N/A	54201443	13583677	*04759591AA	7283-4341-30	
INDEX TYPE	COLOR	SEALED/UNSEALED	SEALED	54201415	10757674	04687933	N/A	54201445N	33511467	04707405	N/A
			SEALED	54201415	10757674	04687933	N/A	54201456N	33511468	N/A	N/A
			MVL	DELPHI (CHRYSLER)	YNA	MVL	DELPHI (CHRYSLER)	YNA			
			CHRYSLER APPLICATION				MATING ASSEMBLY PART NUMBERS				
			MALE ASSEMBLY PART NUMBERS						FOR REFERENCE ONLY		

CHART - ASSEMBLY PART NUMBERS							
UNSEALED				SEALED			
MVL	PCL	DELPHI P/N'S	REV	CHRYSLER P/N'S	NON-CHRYSLER P/N'S		
54201404	E	13581869	01	04687935	N/A		
54201405	G	33500121	01	04687936	N/A		
-----	-	-	-	-----	-----		
54201468	K	33511472	01	N/A	N/A		
54201415	H	10757674	02	04687933	GM15125233		
54201416	G	10757673	02	04687934	N/A		
54201417	H	10757675	02	04707241	N/A		
54201418	L	10757778	02	04707243	N/A		
54201459	G	15537596	01	N/A	N/A		
54201462	J	15537595	01	N/A	N/A		
54201463	J	15537594	01	N/A	N/A		
54201464	J	15537591	01	N/A	N/A		
COMPONENTS							
REQUIRED	REQUIRED						
I			I		I		
	I			I		I	
		I					
I	I	I	I	I	I		I
3	3	3	3	3	3	3	3
SEE NOTES		SEE NOTES		PLUG			
APPLICABLE WIRE SIZES							
ITEM	MVL	DELPHI	PART NAME			MATERIAL	
(1)	54201424	15537324	INS-MALE INDEX A; BLK			NYLON 66	
(1)	54201425	15537325	INS-MALE INDEX B; LT GREY			NYLON 66	
(1)	54201426	15537326	INS-MALE INDEX C; DK GREY			NYLON 66	
(1)	54201427	15537327	INS-MALE INDEX D; NATURAL			NYLON 66	
(2)	54201431	15537448	WEDGE-MALE; RED			NYLON 66	
(3A)	N/A	33401040	END SEAL; DK BLUE			SILICONE	
(3B)	54201457	15537419	END SEAL; BRT YELLOW (NO HOLES)			SILICONE	
(4)	54201428	15537331	RETAINER; BLACK			NYLON 66	
CONNECTOR ASSEMBLY TEMPERATURE CLASS PER SAE/USCAR-2 REV. 6							

[illegible]

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