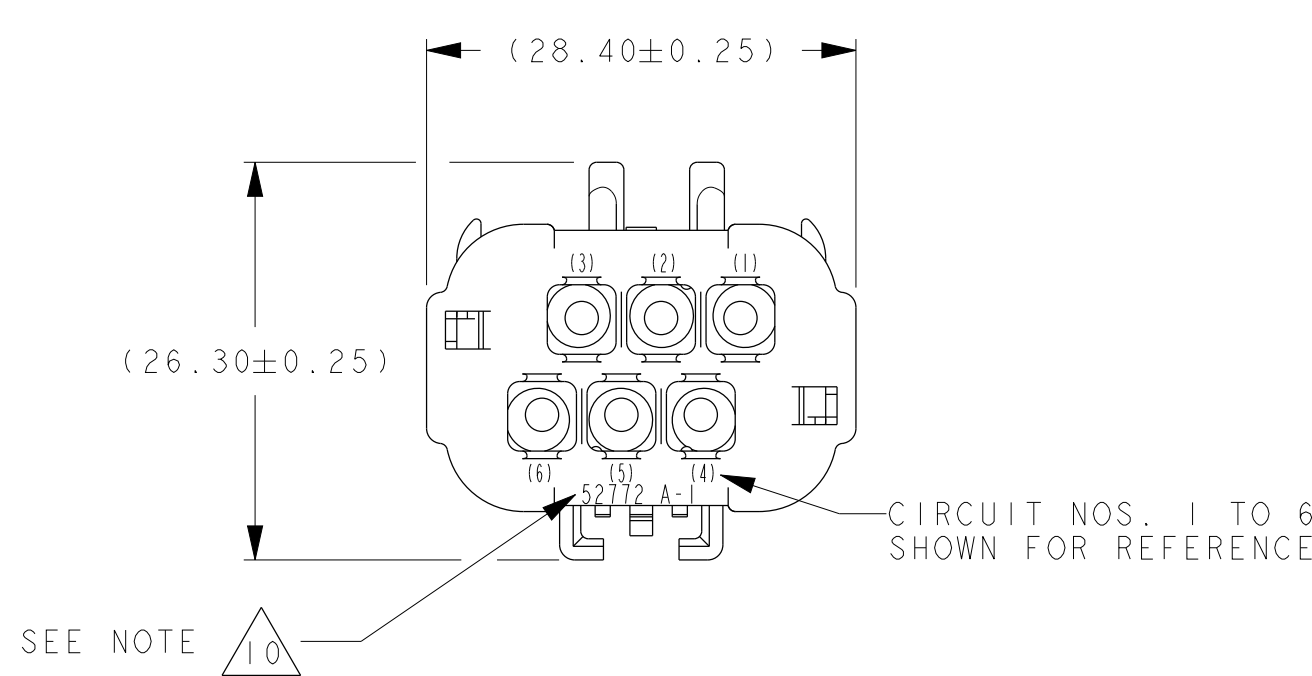
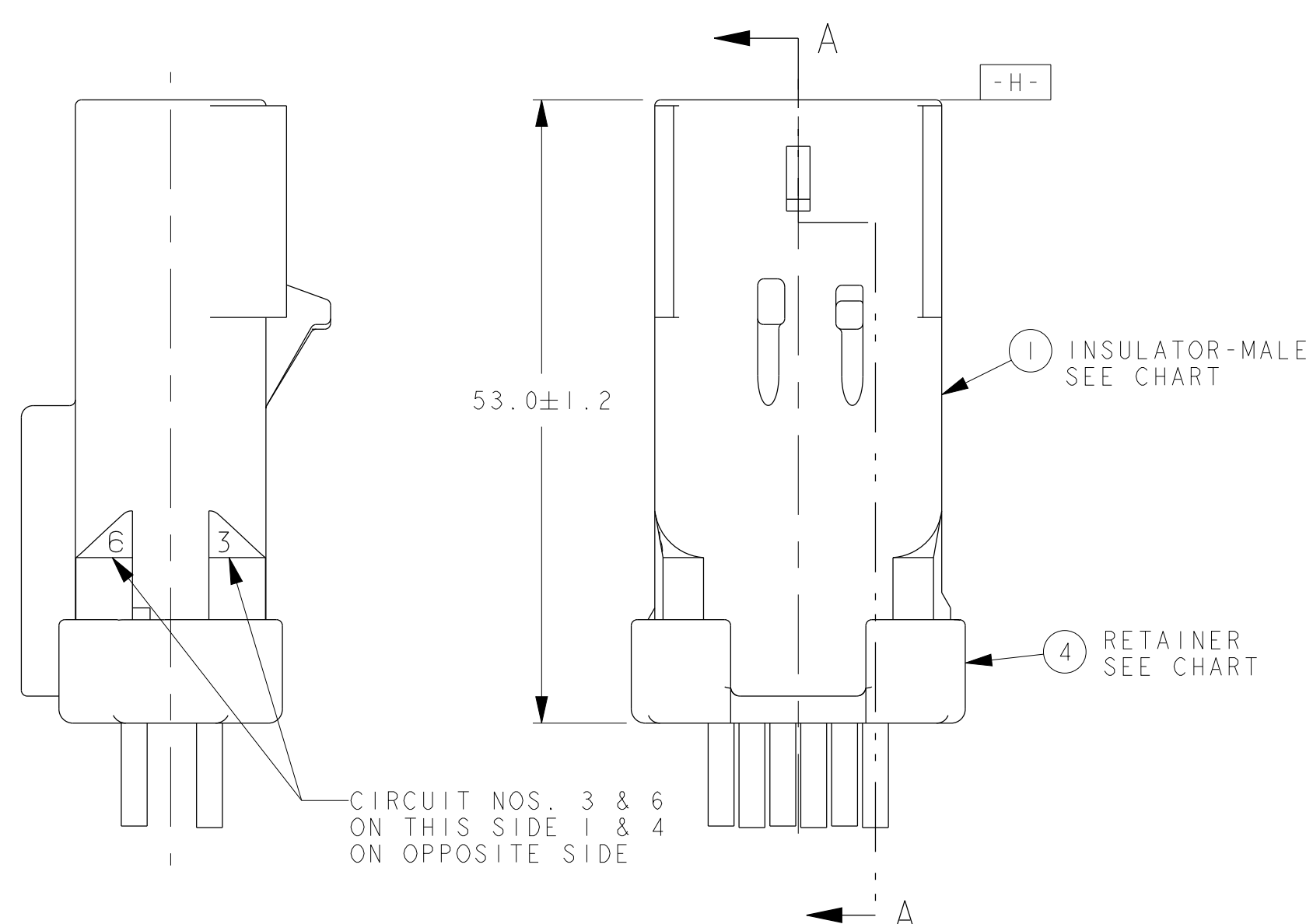




(WEDGE REMOVAL POST)

11.5 $\pm$ 0.4

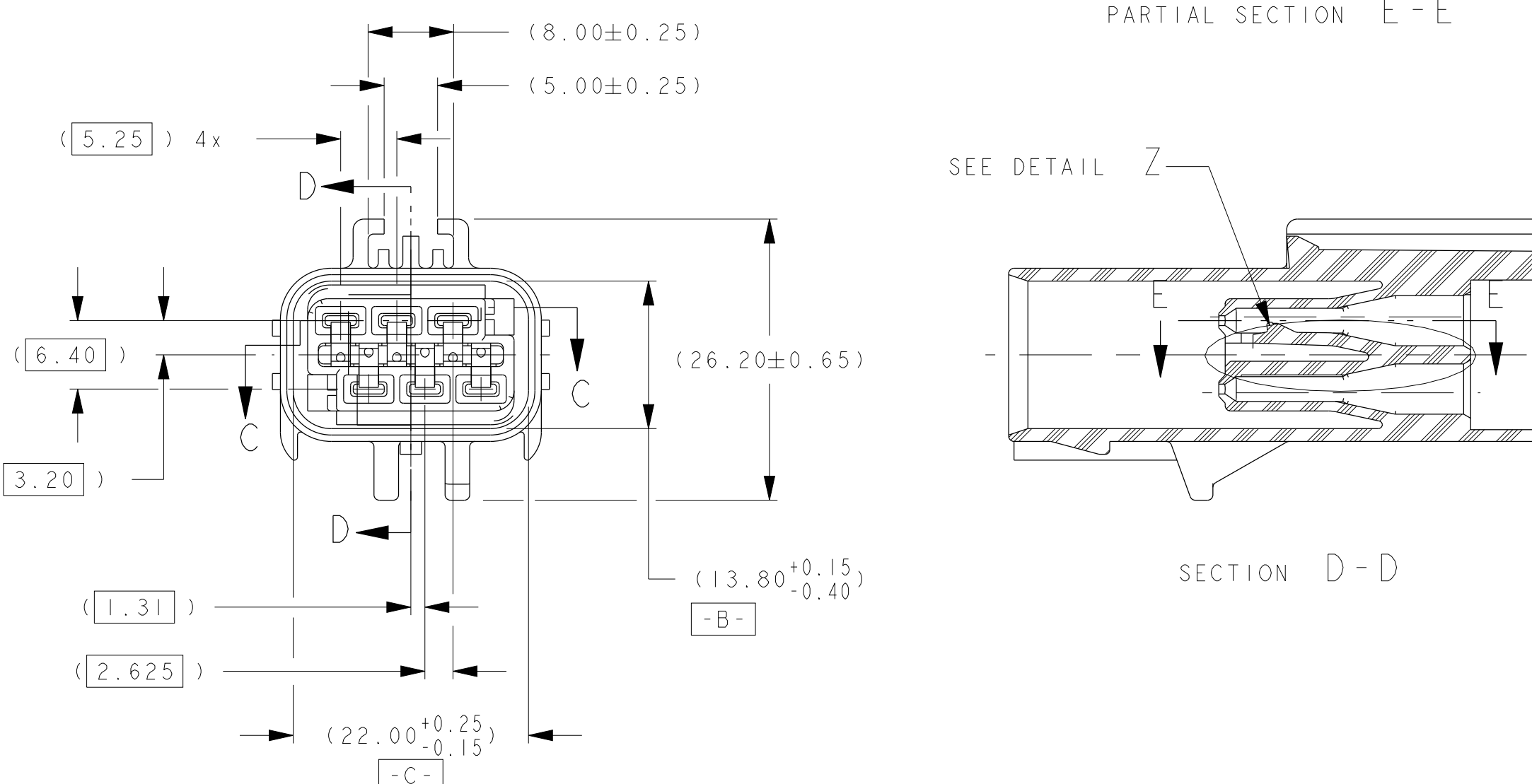
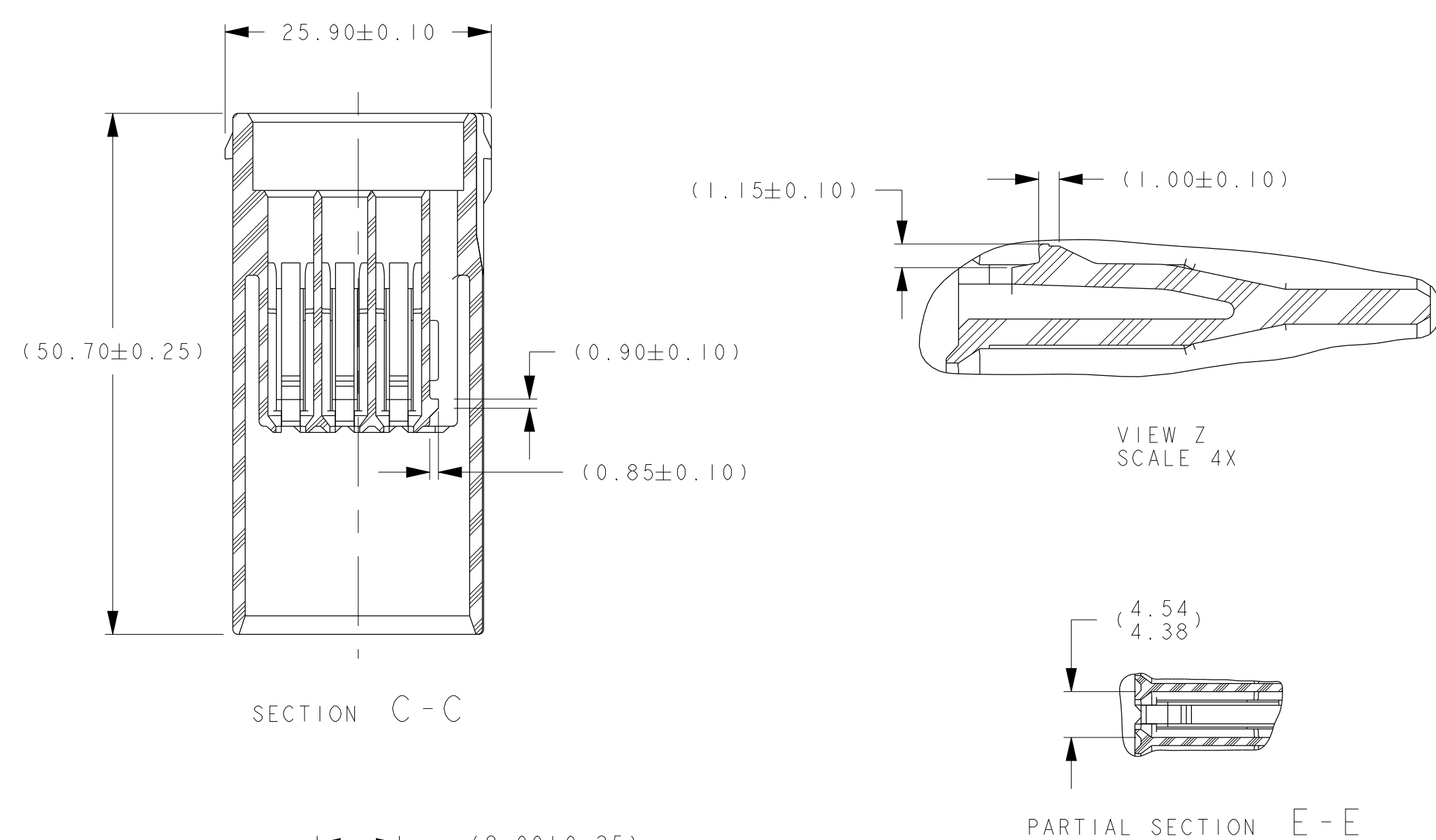
(10.80 $\pm$ 0.10)

(2) WEDGE-MALE PRE-ASSEMBLED POSITION SEE CHART

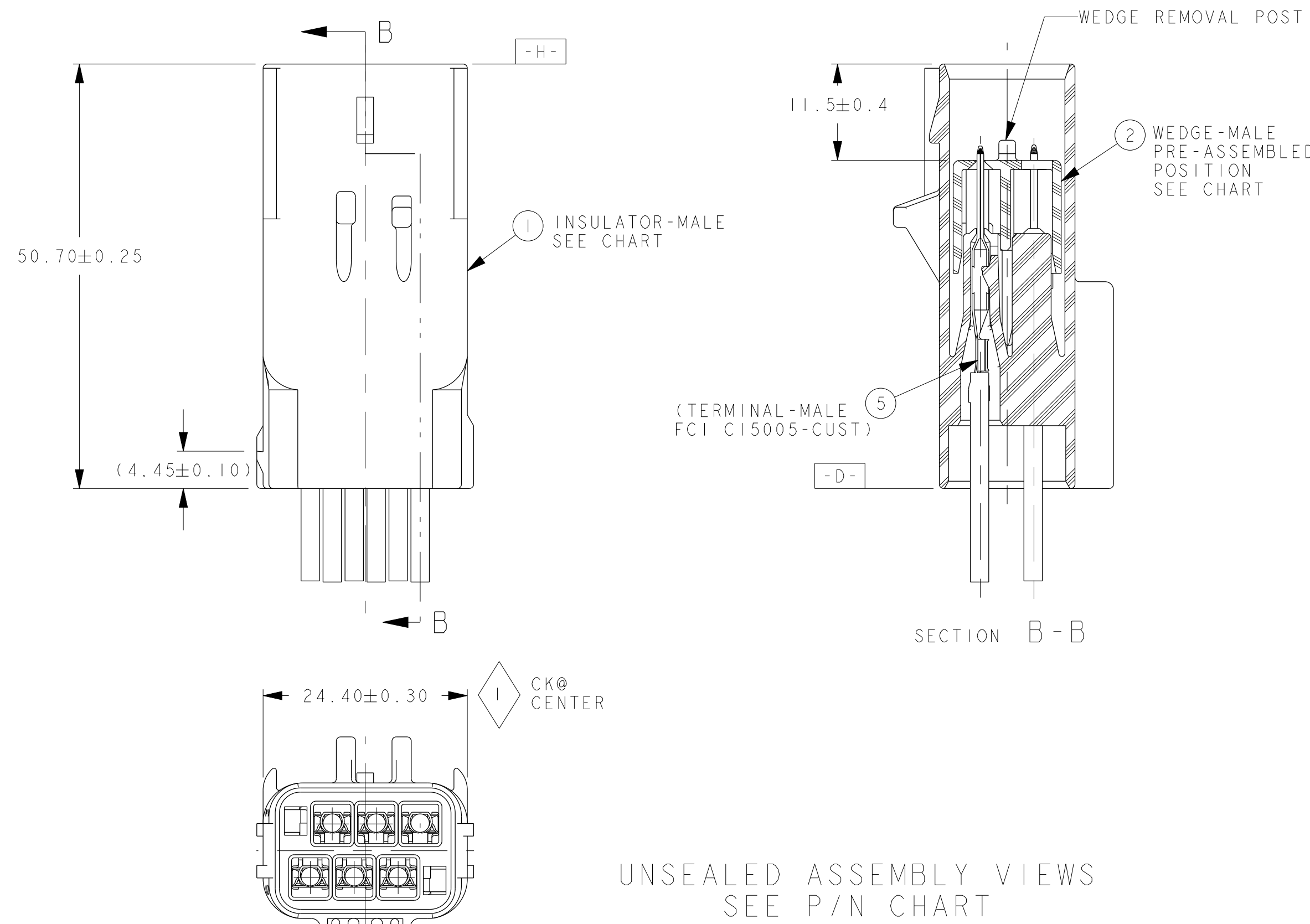
(5) (TERMINAL-MALE FCI C15005-CUST)

(3A) END SEAL SEE CHART

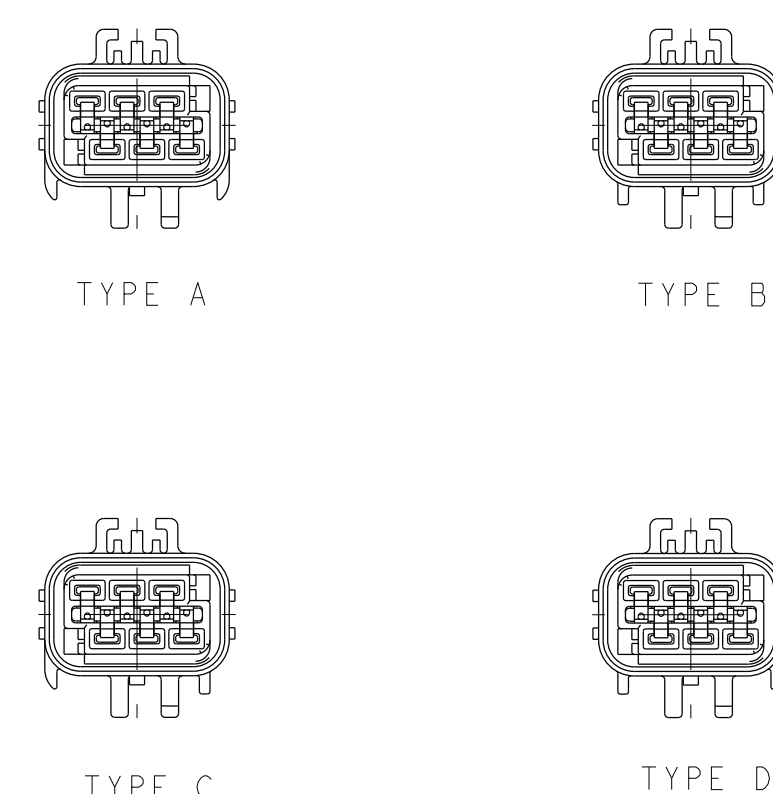
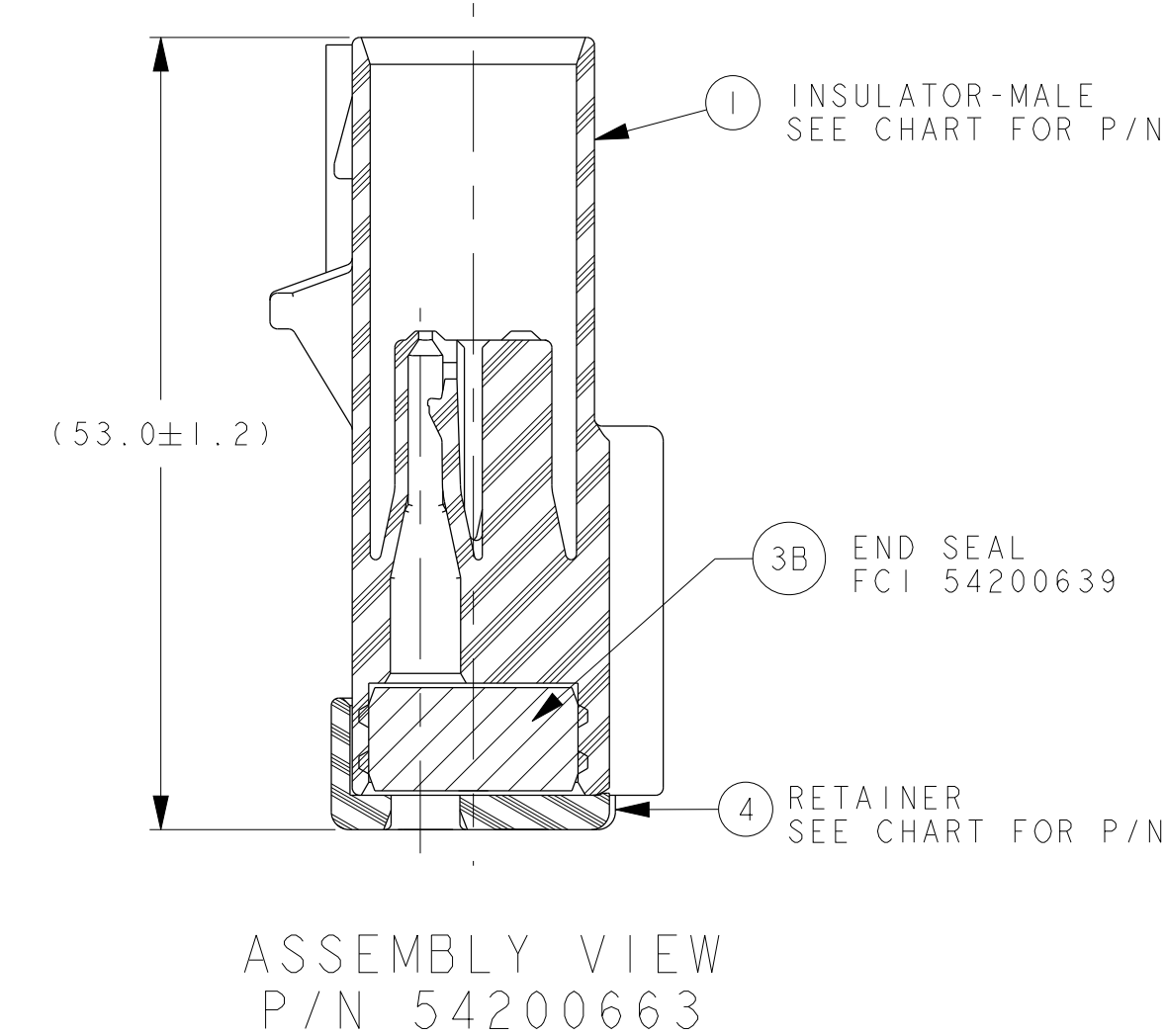
SECTION A-A



INSULATOR VIEWS FOR REFERENCE



UNSEALED ASSEMBLY VIEWS
SEE P/N CHART



POLARIZATION OPTIONS
FULL SIZE

- NOTES:
- 1 QUALITY ASSURANCE REQUIREMENTS PER CHRYSLER PS-7300: 1 DIMENSIONAL OR PROCESS PARAMETER PER SPC DATA REQUIRED PERMISSIBLE
- 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 ALL SEALED CONNECTOR APPLICATIONS MUST BE USED WITH THIN WALL X-LINK WIRE INSULATIONS PER MS-8288, MS-9502, ESB-MILI23-A, GMI15626 OR ISO 6722 EQUIVALENTS
A - ASSEMBLIES WITH END SEAL P/N 54200656
B - ASSEMBLIES WITH END SEAL P/N 54200658 MUST BE USED FOR CIRCUITS 2 & 5 WITH $\varnothing$ 3.07 TO $\varnothing$ 4.09 AND 1, 2, 4 & 6 WITH $\varnothing$ 1.70 TO $\varnothing$ 2.77 INSULATION OD ONLY
- 5 ALL NON-SEALED APPLICATIONS MUST BE USED WITH ANY WIRE INSULATION 22AWG TO 18AWG OR ISO EQUIVALENTS (EXCEPT AS NOTED) PROVIDED THAT A TERMINAL GRIP FOR THAT CORE/INSULATION COMBINATION IS SHOWN ON FCI 15005-CUST MATE TERMINAL DRAWING
NOTE: MAX. INSULATION CRIMP WIDTH = 4.50
MAX. INSULATION CRIMP HEIGHT = 4.50
MAX. INSULATION CRIMP DIA. = 4.09 (10 GA THIN WALL)
- 6 USE WITH FOLLOWING APPLICABLE COMPONENTS WHEN NEEDED:
CAVITY PLUG FCI P/N 54200005 (CHRYSLER P/N 56038308)
DOUBLE X-MAS TREE CLIP CHRYSLER P/N 04070901
DOUBLE X-MAS TREE CLIP CHRYSLER P/N 04625797
2.80MM APEX MATE TERM PER 15005-CUST SYMMETRICAL ABOUT CENTERLINE FOR 180° ORIENTATION
- 7 TEST METHOD PER PERFORMANCE SPEC SAE/USCAR-2 REV.3, CONNECTOR ENGAGE & DISENGAGE WITH FEMALE LATCH DEPRESSIONED FORCE NOT TO EXCEED 90N. FOR THIS SYSTEM
WEDGE SEATING FORCES - 125N, MAX
X-MAS TREE CLIP INSERTION FORCES - 75N MAX
- 8 SUPPLIER, MOLD & CAVITY I.D. SIGNIFIES TOOL OWNERSHIP, FOR REFERENCE
- 9 ANNUAL QUALITY REQUIREMENTS:
IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER P/N SPECIFICATION #A04-001 INSTEAD OF ANNUAL LAT/UT & ANNUAL PV REQUIREMENTS OF QS-9000 SECTION 2 & SAE/USCAR-2 REV.5
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
- 10 MUST CONFORM TO THE FOLLOWING CHRYSLER/YNA STANDARDS:
SAE/USCAR-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), (G009-T YNA)
PS-10052 INFORMATION SECURITY (CHRYSLER)
- 11 THIS DRAWING (H59014) REPLACES CHRYSLER DRAWING NUMBER 04070322 LEVEL "P" DATED 5-2-01
CHRYSLER DRAWING NUMBER IS FOR REFERENCE ONLY

ASSEMBLY		PART NUMBERS	
UNSEALED		SEALED	
FCC1 P/N'S	CUSTOMER P/N'S		
54200604	C 04707332	54200663	C 04609080A
54200605	C 04707333	54200612	C 04707328
54200606	C 04707334	54200613	C 04707329
54200607	C 04707335	54200614	C 04707330
		54200615	C 04707331
		54200661	C 04709124A

REQUIRED				REQUIRED			
I				I			
	I				I		
		I				I	
			I				I
I	I	I	I	I	I	I	I
				I	I	I	I
				I	I	I	I
3	3	3	3	3	3	3	3
A	A	A	C	F	C	B	B
SEE NOTE 5			P L U G	SEE NOTE 4A			S m 4B
WIRE GAGE				WIRE GAGE			

REQUIRED			REQUIRED			ITEM	FCI P/N	CHRYSLER P/N	PART NAME	MATERIAL	COLOR
I			I	I		I	(1) 54200634	04707323	INSULATOR-MALE INDEX A	PA66GF	BLACK
I				I			(1) 54200635	04707324	INSULATOR-MALE INDEX B	PA66GF	LT GRY
	I				I		(1) 54200636	04707325	INSULATOR-MALE INDEX C	PA66GF	DK GRY
		I			I		(1) 54200637	04707326	INSULATOR-MALE INDEX D	PA66GF	NATURAL
I	I	I	I	I	I	I	(2) 54200647	04707327	WEDGE-MALE	PA66GF	RED
				I	I	I	(3A) 54200656	04707307	END SEAL MALE STANDARD	SILICONE	DK BLUE
						I	(3A) 54200658	N/A	END SEAL MALE HYBRID	SILICONE	LT BLUE
				I		I	(3B) 54200639	N/A	END SEAL-PLUG W/O HOLES	SILICONE	BRT ORANGE
					I	I	(4) 54200652	04707337	RETAINER	PA66GF	BLACK
3 3 3 3 3 3 3 3 3 3 3 3 CONNECTOR ASSEMBLY TEMPERATURE CLASS PER SAE/USCAR-2 REV.5											
A A A C C F C B B B D PART CHANGE LEVEL (PCL)											

FCI SUPPLIER CODE: 52772 OR 52772H

[illegible]