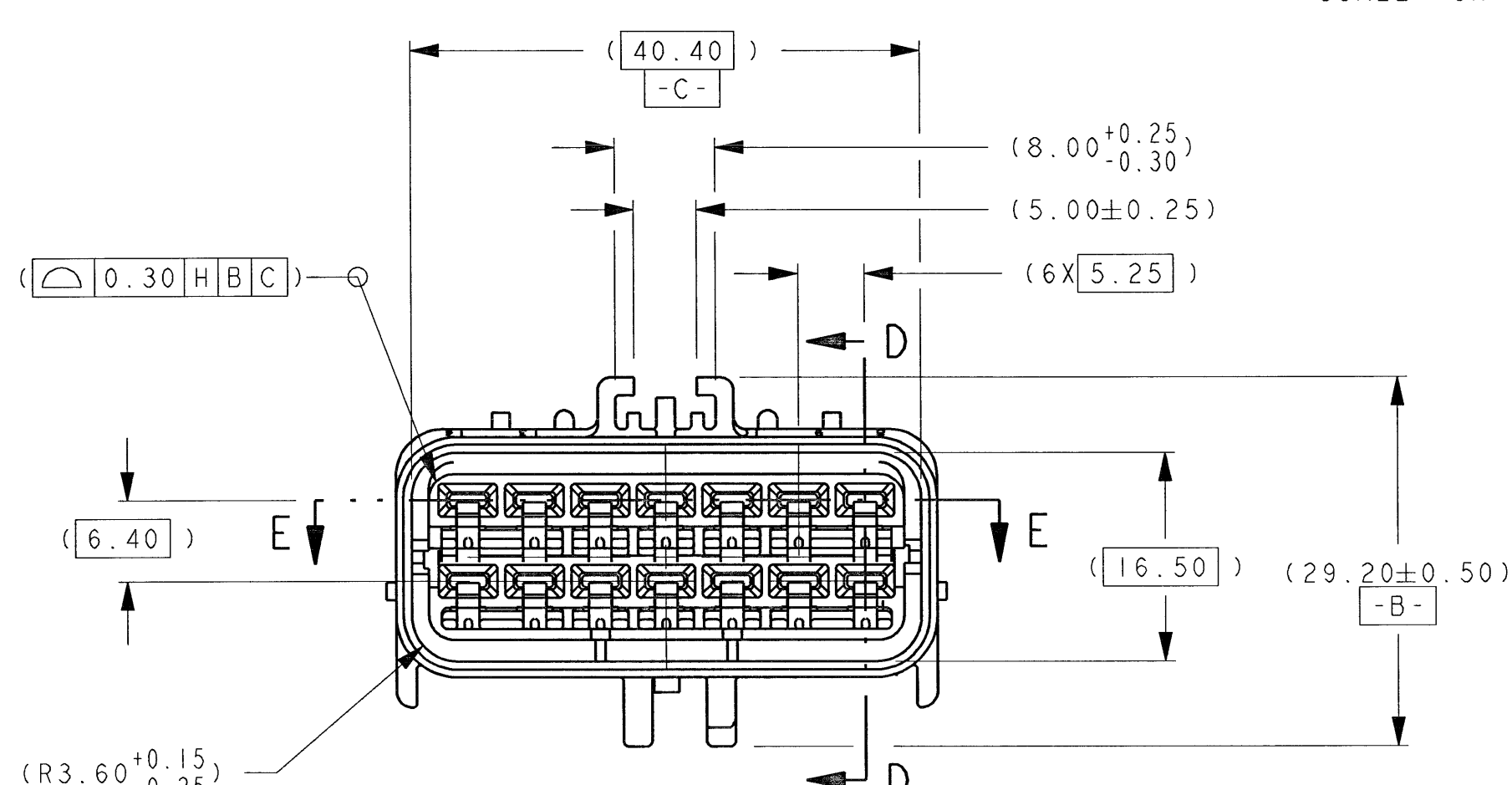
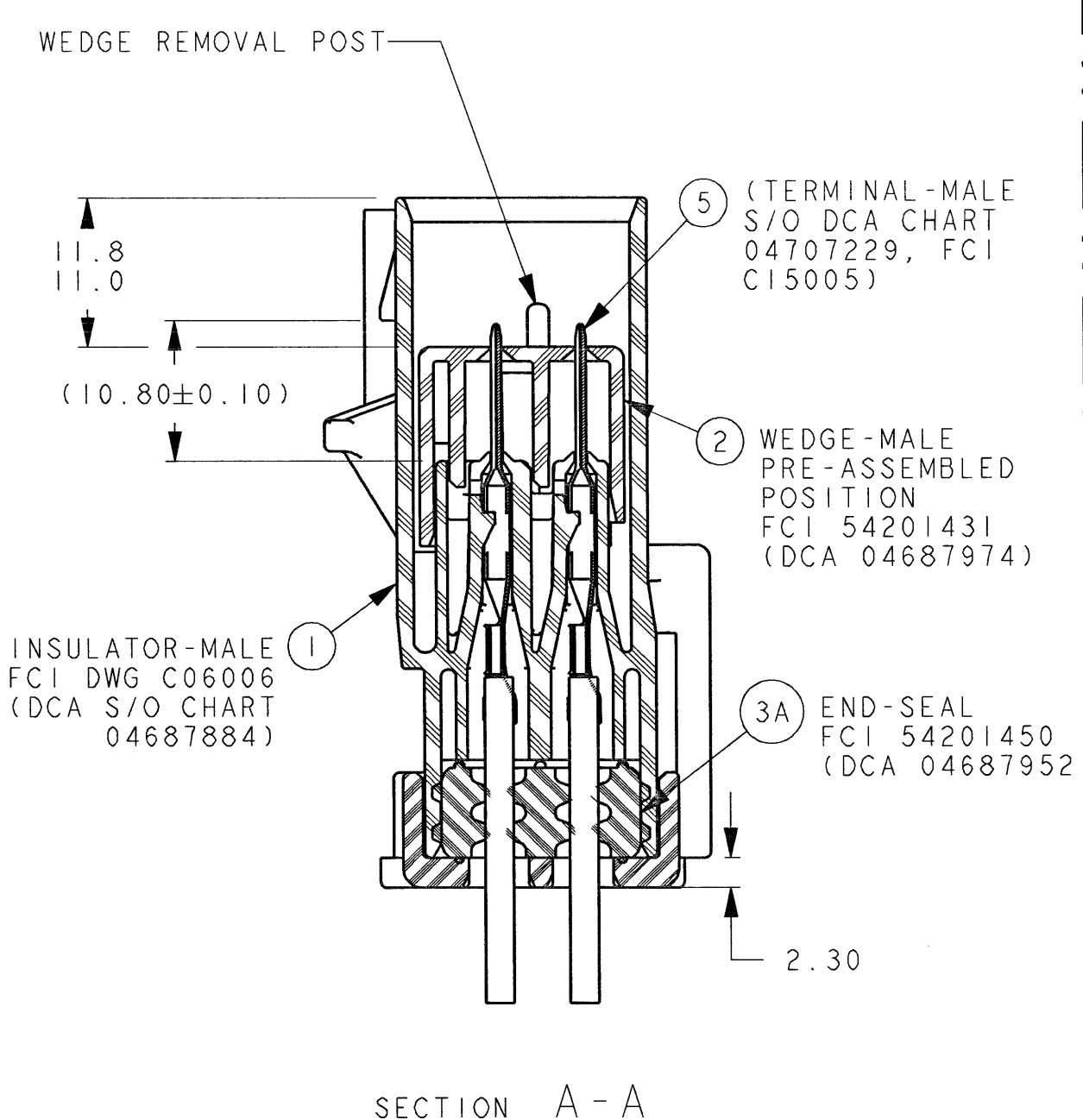
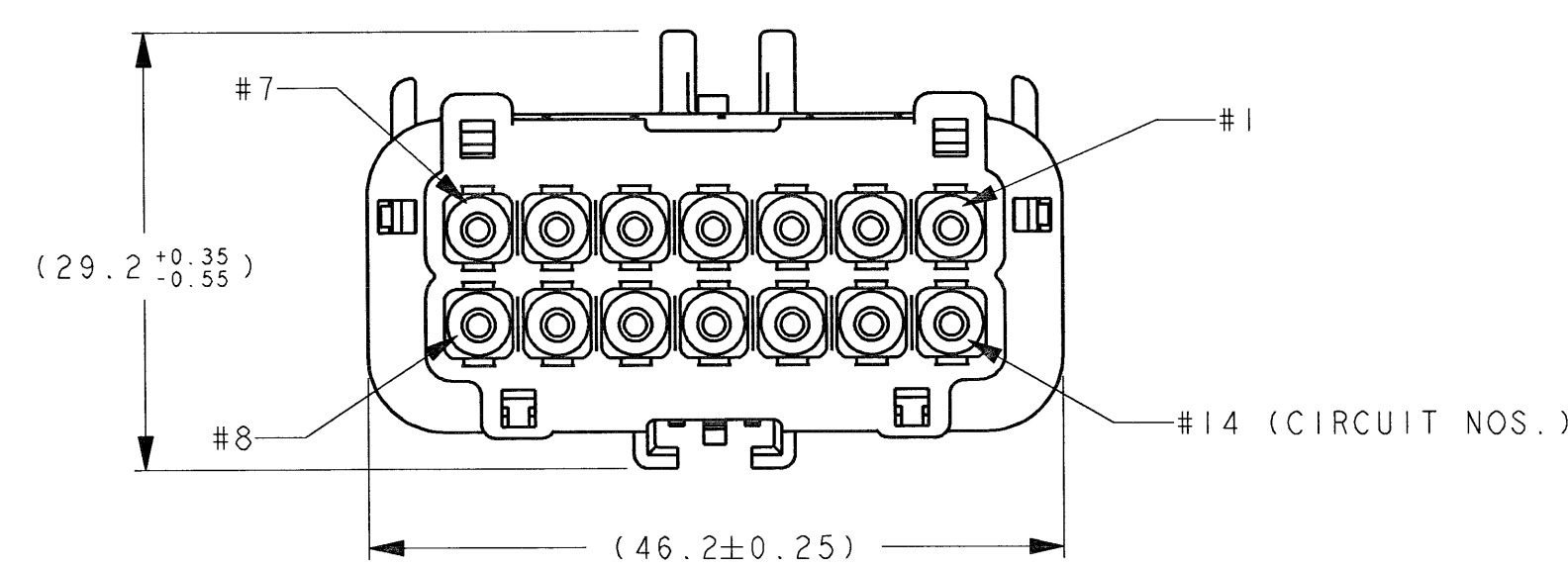
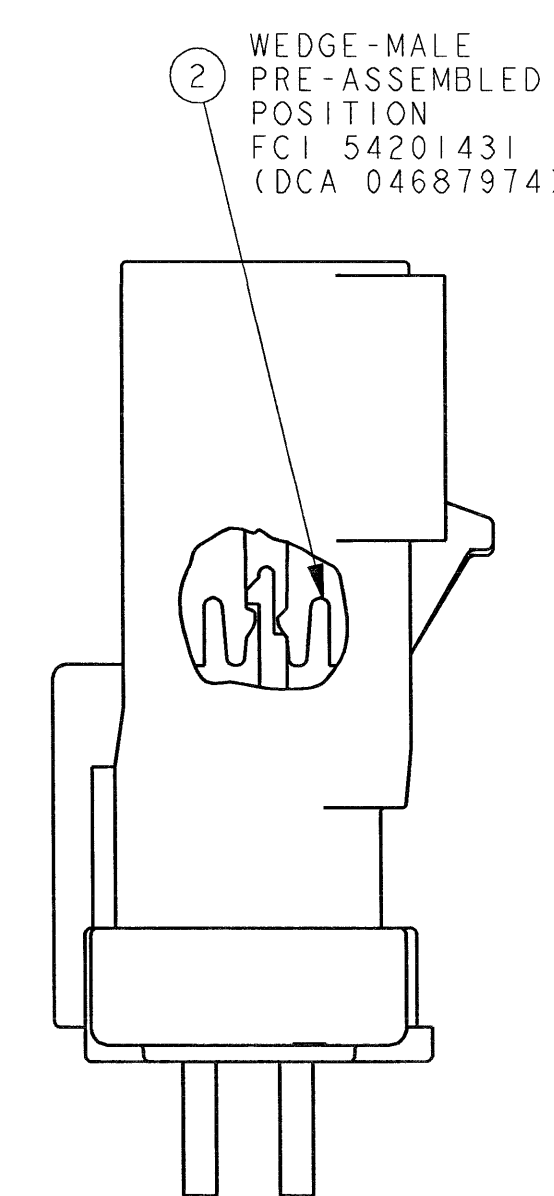
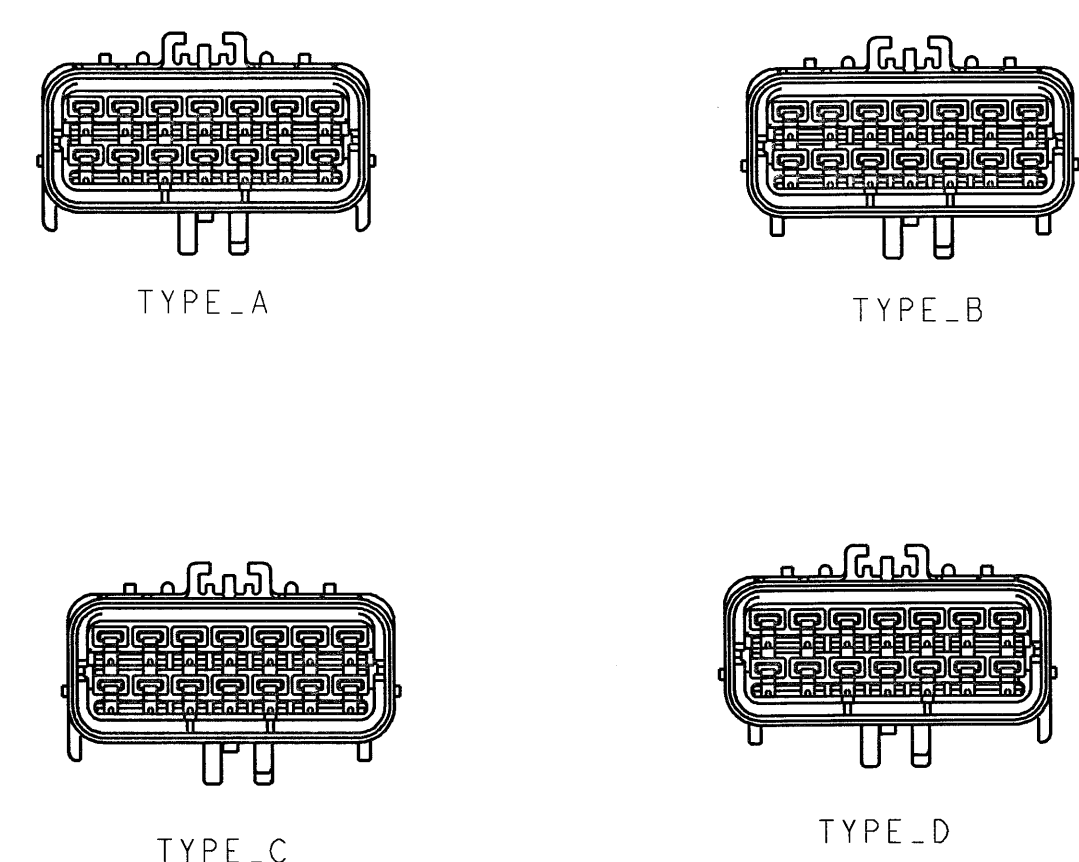
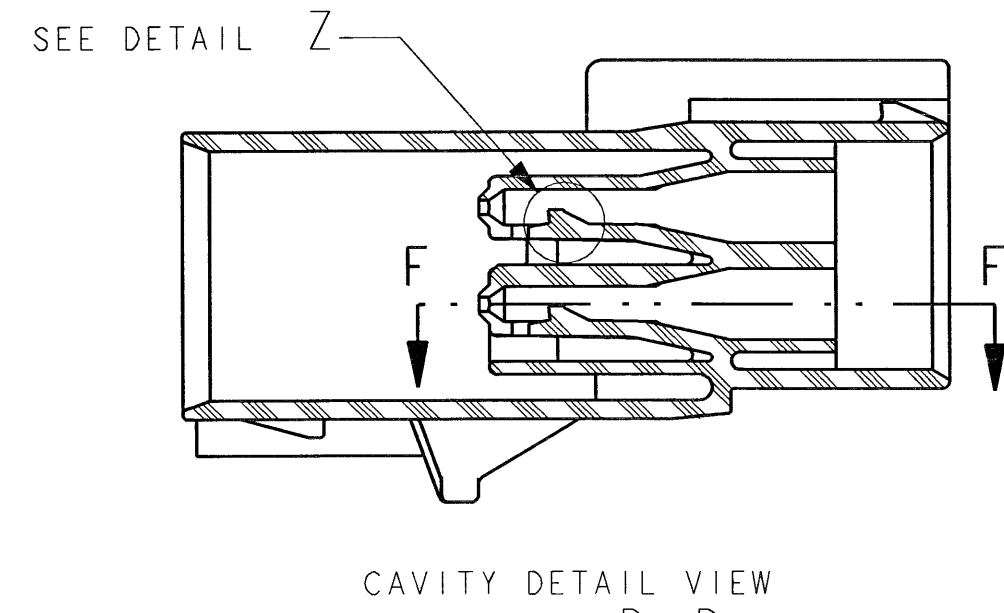
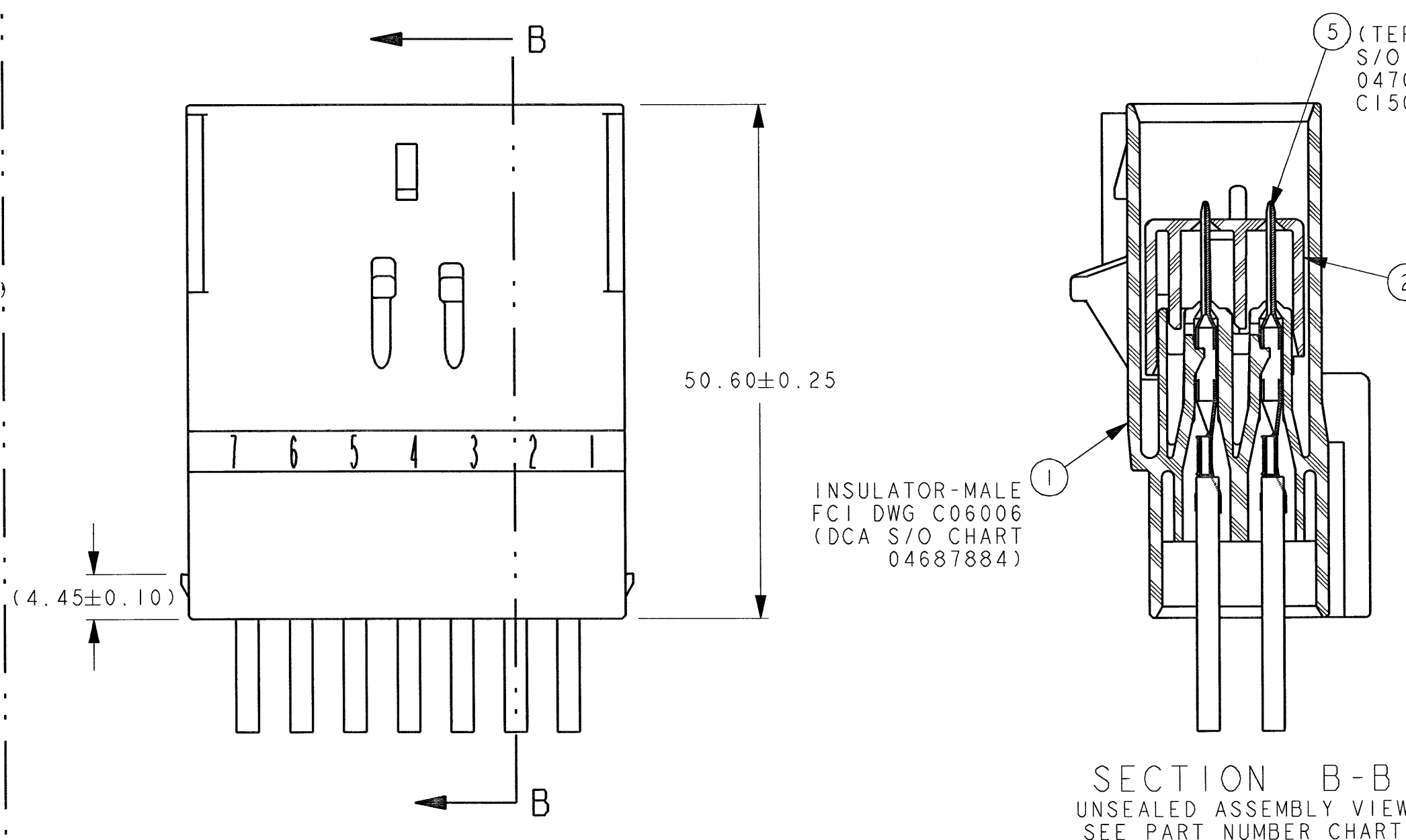


A technical diagram of a 16-pin D-sub connector. The connector has a rectangular body with a D-shaped notch on the top edge. It features 16 pins: 15 pins are arranged in two rows of 8, and 1 pin is centered in the bottom row. A label at the bottom of the connector reads "52772 A-1".



INSULATOR VIEWS
FOR REFERENCE ONLY



POLARIZATION OPTIONS
FULL SIZE

- 1 QUALITY ASSURANCE REQUIREMENTS PER DCA PS-7300: 2 SPEC 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

ALL THE SEALED CONNECTOR APPLICATIONS MAY BE USED WITH DCA WIRE SPEC. MS-8288 OR MS-9502 THIN WALL X-LINK 20 GAUGE WIRES ONLY UNLESS OTHERWISE SPECIFIED SEE (WIRE INSULATIONS 0.10 MIN TO 0.269 MAX)

7 USE WITH CAVITY PLUG FCI P/N 54200005 (DCA P/N 56038308), WHEN REQ'D
USE WITH DOUBLE X-MAS TREE CLIP DCA P/N 04707091 WHEN REQUIRED
USE WITH DOUBLE X-MAS TREE CLIP DCA P/N 04625797 WHEN REQUIRED

TEST METHOD PER SAE/USCAR-2 REV.3, CONNECTOR ENGAGE &
DISENGAGE WITH FEMALE LATCH DEPRESSED FORCE NOT TO EXCEED 142 N (32#’S)
FOR THIS SYSTEM
PRESSURE 3 PSI (22 KPA) PER TEST PF-752(T)

10. SUPPLIER, MOLD & CAVITY I.D. SIGNIFIES TOOL OWNERSHIP, FOR REFERENCE

IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER
FCI SPECIFICATION #AQA-001 INSTEAD OF ANNUAL LAYOUT &

ALL NON-REFERENCE DIMENSIONS ARE REQUIRED

- CURRENT PRODUCTION TOOLING

SERVICE TOOLING GUIDE INFORMATION PER APEX TRAINING MANUAL

UNCONTROLLED

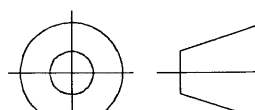
5. PS-9227 DATA EXCHANGE (DCA), (G009-7 YNA)

THIS DRAWING (CH59016) REPLACES DCA DRAWING
NUMBER 04687887 LEVEL "H"
DCA DRAWING IS FOR REFERENCE ONLY FOR PREVIOUS CHANGES

(SEE TABLE)				
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F.C.I.	CUSTOMER
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[illegible]

ALL	S352	HI	REDRAWN ON FCI TITLE BLOCK		03/25/03	TS	TS	TS	TS	TS	TS
IE			CORRECTED P/W 54201 404 & 5420 1405								
ALL			SEE DCA DGM NO. 04687887 FOR PREVIOUS CHANGES LEVEL "HI" DATED 2-28-01								
			MATING PART NUMBER CHART UPDATED MATERIAL REF. ADDED								
ZONE	ECN	LET	REVISION RECORD		DATE	D	W	H	C	R	E
LAST INSP CODE						THIS DRAWING, DESIGN AND ALL OTHER INFORMATION CONTAINED HEREIN IS PROPRIETARY AND THE PROPERTY OF FCI. THIS DRAWING MAY NOT BE COPIED, REPRODUCED, OR DISCLOSED TO ANY OTHERS WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FCI. ©/ICI April 1999					
LAST TOOL CODE						THIRD ANGLE PROJECTION 					
LAST SEC	FCI 1770 Marie Street Westland, Michigan 48185-3233					DIMENSIONS: 1 PLACE DIM ± 0.25 2 PLACE DIM ± 0.10 ANGULAR DIM ± 0.2					
LAST DATUM	UNLESS OTHERWISE SPECIFIED					DCPN: 1-0 SDCN: S. SIAN ECPN: SUCIA S. SIAN		DATE: 3/28/02 DATE: 3/28/03			
DO NOT SCALE DRAWING					SCALE: 2X & NOTED						
MATERIAL: NOTED ON COMPONENT DETAILS											
REFERENCE: 95.5 / NS_GS											
THIS IS A COMPUTER AIDED DESIGN DRAWING SYSTEM: PRO/E CAD ID NO.: H5016 FILE NAME: H5016											
NAME: CHART-ASSEMBLY 14 WAY MALE						DRAWING NO: H5016 REV: H3					
[2.80mm APEX CONN. SYS.] SHEET 1 OF 1											

D	LT GREEN	UNSEALED	DIRECT CONNECT APPLICATION			54201452N	N/A	T.B.D
		UNSEALED	DIRECT CONNECT APPLICATION			54201452	04868345AA	T.B.D
	NATURAL	UNSEALED	DIRECT CONNECT APPLICATION			54201403N	N/A	T.B.D
		UNSEALED	DIRECT CONNECT APPLICATION			54201403	04687932	7283-4645
		SEALED	54201418	N/A	T.B.D	54201414N	N/A	T.B.D
C	DK GREY	SEALED	54201418	04707243	T.B.D	54201414	04687928	7283-4749
		UNSEALED	DIRECT CONNECT APPLICATION			54201402N	N/A	T.B.D
		UNSEALED	DIRECT CONNECT APPLICATION			54201402	04687931	7283-4648-10
	LT GREY	SEALED	54201417	N/A	T.B.D	54201413N	N/A	T.B.D
		SEALED	54201417	04707241	T.B.D	54201413	04687927	7283-4748-10
B	LT GREY	UNSEALED	DIRECT CONNECT APPLICATION			54201453N	N/A	T.B.D
		UNSEALED	DIRECT CONNECT APPLICATION			54201453	N/A	7283-4747-10 (10001361)
		UNSEALED	54201405	N/A	T.B.D	54201401N	N/A	T.B.D
	BLACK	UNSEALED	54201405	04687936	T.B.D	54201401	04687930	7283-4647-40
		SEALED	54201416	N/A	T.B.D	54201412N	N/A	T.B.D
SEALED		54201416	04687934	T.B.D	54201412	04687926	7283-4645-40	
A	BLACK	UNSEALED	54201404	N/A	T.B.D	54201442N	N/A	T.B.D
		UNSEALED	54201404	04687935	T.B.D	54201442	04868197AA	T.B.D
		UNSEALED	54201404	N/A	T.B.D	54201400N	N/A	T.B.D
		UNSEALED	54201404	04687935	T.B.D	54201400	04687929	7283-4644-30
		SEALED	54201415	04687933	T.B.D	54201411	04687925	7283-4641-30
		SEALED	54201415	04687933	T.B.D	54201419N	*04707442	7283-4746-30
		SEALED	54201415	04687933	T.B.D	54201443	*04759591AA	7283-4341-30
		SEALED	54201415	04687933	T.B.D	54201445N	04707405	T.B.D
		SEALED	54201415	04687933	T.B.D	54201456N	N/A	T.B.D
INDEX TYPE	COLOR	SEALED/UNSEALED	FCI (DCA) YNA			FCI (DCA) YNA		
			DCA APPLICATION			MATING ASSEMBLY		
MALE ASSEMBLY PART NUMBERS						FEMALE PART NUMBERS FOR REFERENCE ONLY		

CHART - ASSEMBLY PART NUMBERS				
		UNSEALED		SEALED
FCI P/N'S	(DCA P/N'S)	NON-DCA P/N'S		
54201404	04687935	—		
54201405	04687936	—		
—	—	—		
—	—	—		
54201415	04687933	GM15125233		
54201416	04687934	—		
54201417	04707241	—		
54201418	04707243	—		
—	—	—		
54201459	—	—		

REQUIRED		REQUIRED		ITEM	FCI P/N	(OCA P/N)	PART NAME (MATERIAL)
I		I		I	(1) 54201424	04687803	INSULATOR-MALE INDEX A; BLK (NYLON 66)
I		I			(1) 54201425	04687947	INSULATOR-MALE INDEX B; LT GREY (NYLON 66)
			I	I	(1) 54201426	04707239	INSULATOR-MALE INDEX C; DK GREY (NYLON 66)
			I	I	(1) 54201427	04707240	INSULATOR-MALE INDEX D; NATURAL (NYLON 66)
I	I	I	I	I	(2) 54201431	04687974	WEDGE-MALE; RED (NYLON 66)
		I	I	I	(3A) 54201450	04687952	END SEAL; LT BLUE (SILICONE)
				I	(3B) 54201457	♦♦93008014	END SEAL; BRT YELLOW (SILICONE)
		I	I	I	(4) 54201428	04687948	RETAINER; BLACK (NYLON 66)
3	3	3	3	3	3	CONNECTOR ASSEMBLY TEMPERATURE CLASS PER PF-9600	
E	G	G	F	G	G	PART CHANGE LEVEL (PCL)	

FCI: FRAMATOME CONNECTORS INTERNATIONAL
DCA: DAIMLER CHRYSLER AUBURN HILLS
YNA: YAZAKI NORTH AMERICA

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** INTERLOCK P/N

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UNCONTROLLED

FCI AUTOMOTIVE - 11/11/2003
FCI - MASTER COPY WHEN IN RED

(SEE TABLE)				
PART NUMBER F.C.I.	PART NUMBER	REV DATE	REV	DRAWING NUMBER
	CUSTOMER			

TOOL NO.: A-041 A FILE LOCATION: FID8