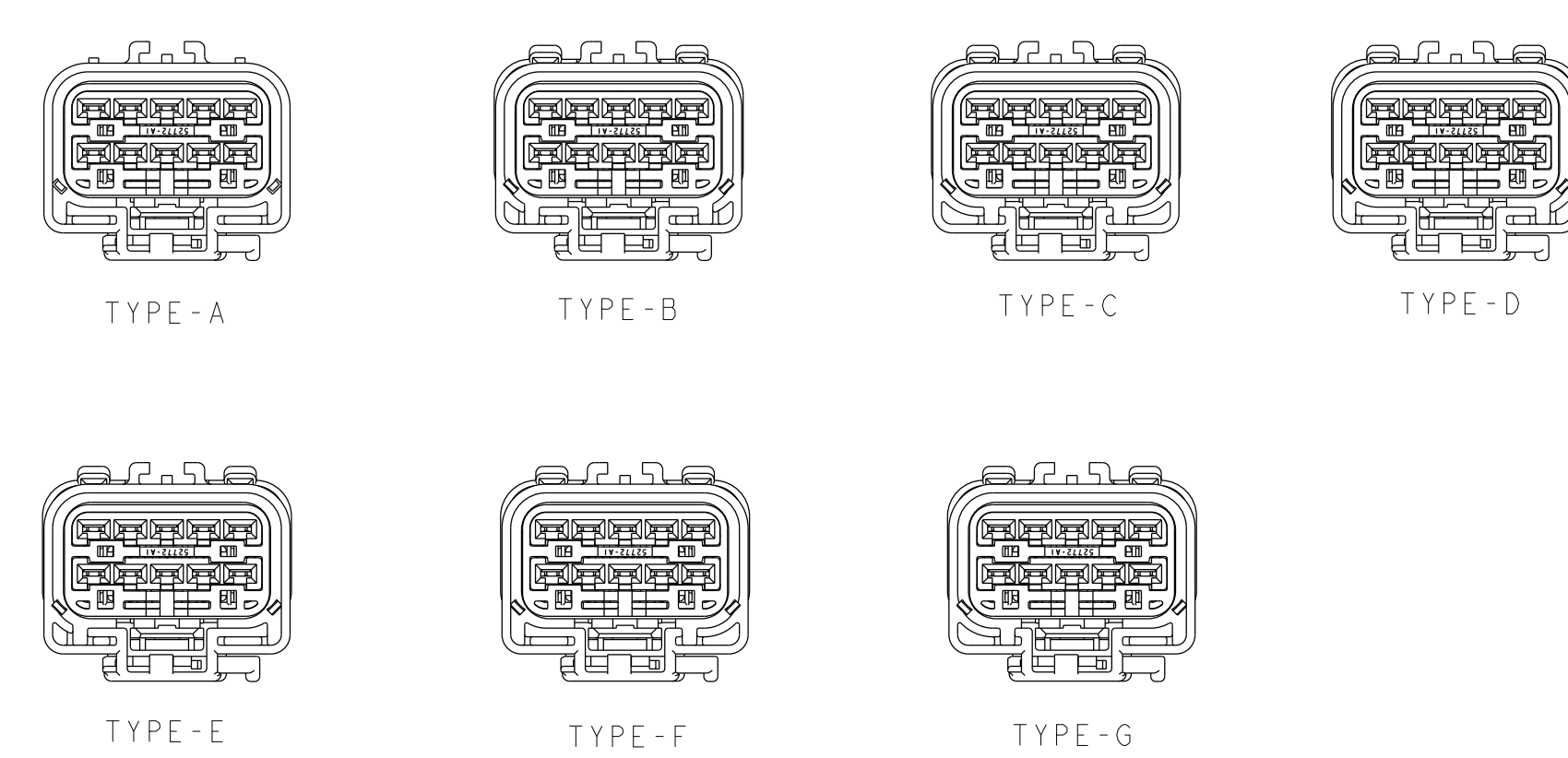
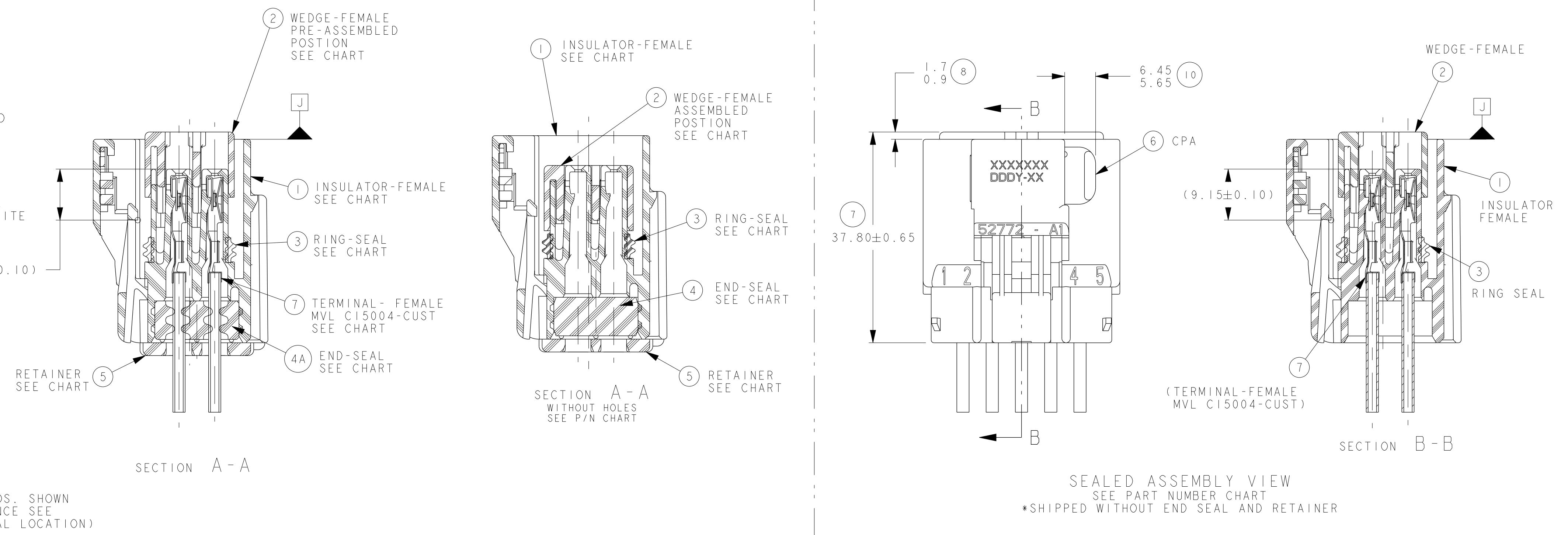
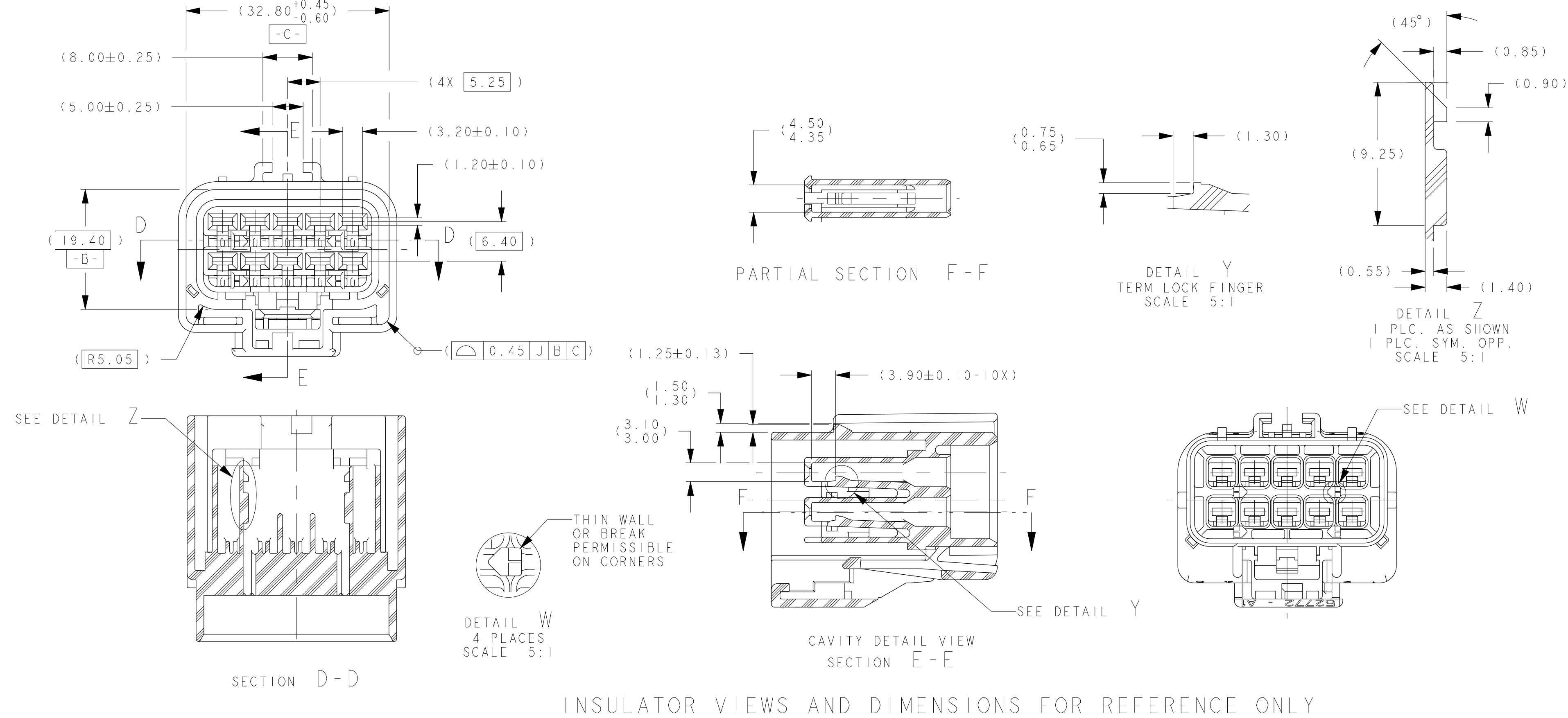
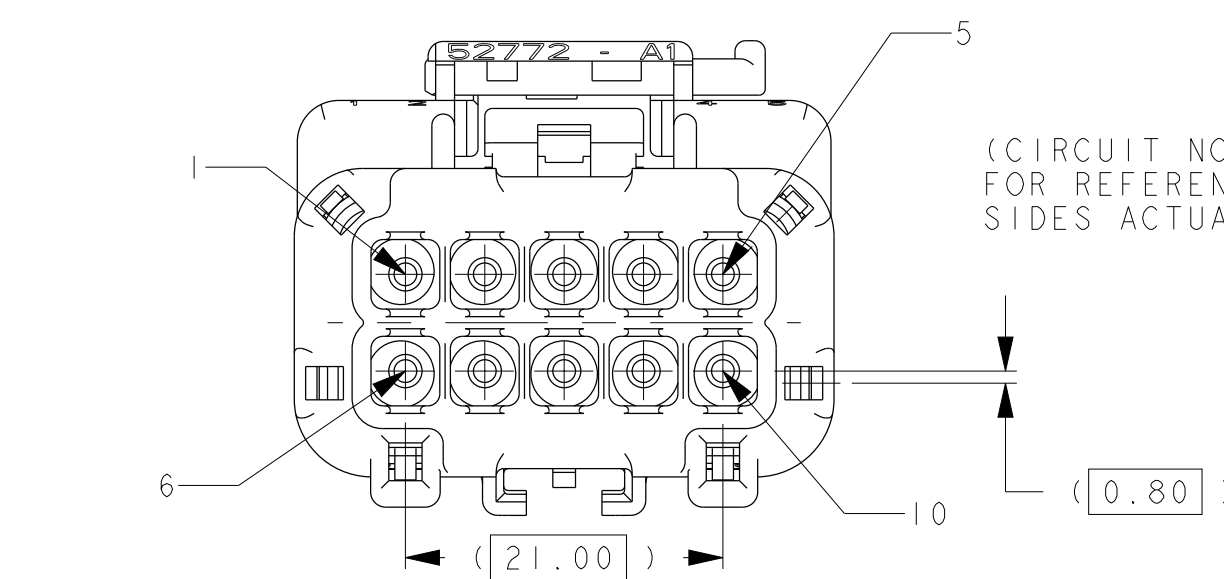
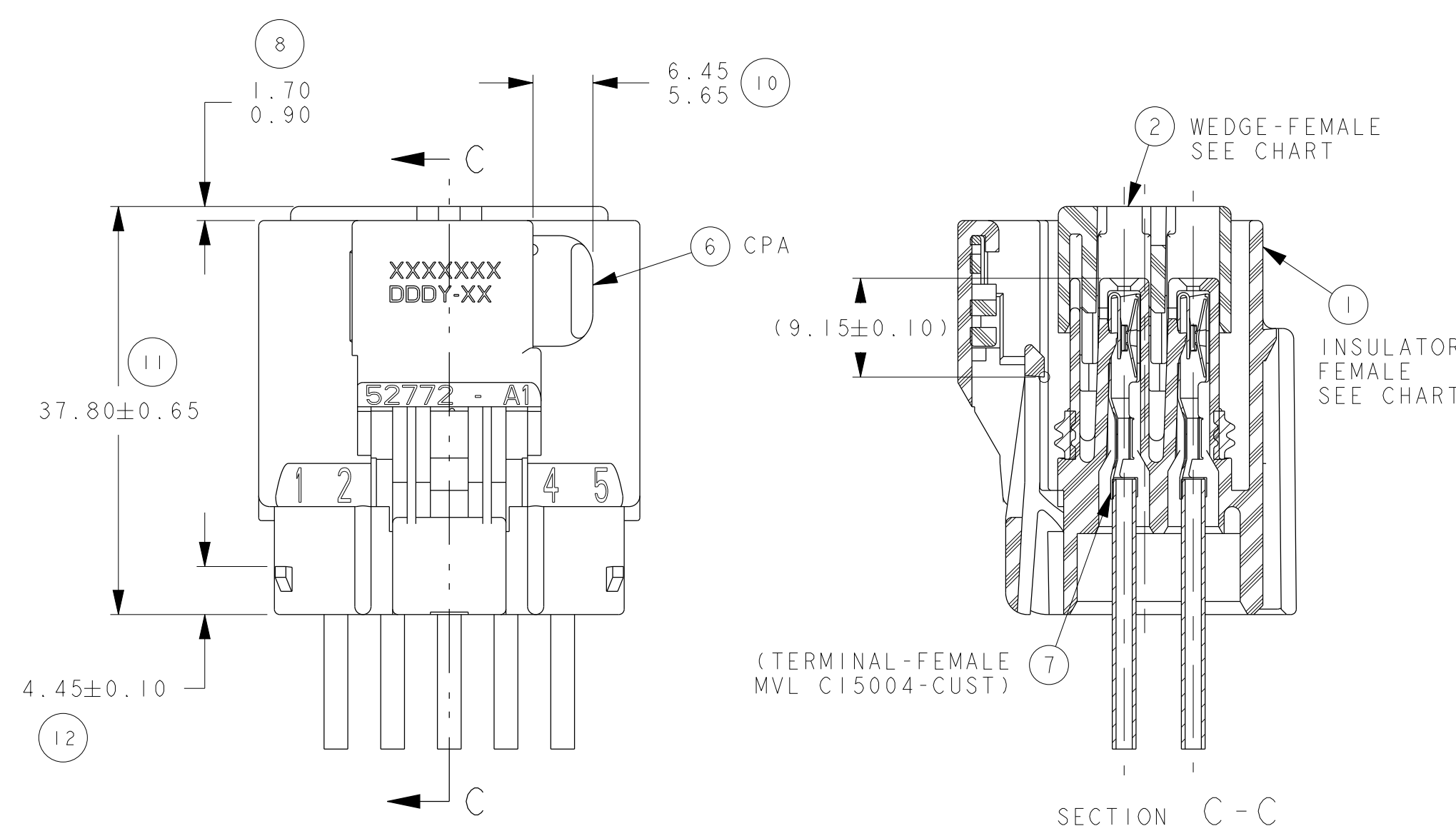




POLARIZATION OPTIONS
FULL SIZE
SHOWN WITH CPA



UNSEALED ASSEMBLY VIEW
SEE PART NUMBER CHART

NOTES:

- 1 QUALITY ASSURANCE REQUIREMENTS PER CHRYSLER PS-7300: I
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 WITH 54201050 MAT
SEAL MUST BE USED WITH CHRYSLER WIRE SPEC. MS-8288 OR
MS-8282 THIN WALL X-LINK HANGING TO 10AWG. INSULATION Ø1.70
TO Ø4.09 ISO THINWALL EQUIVALENTS PERMISSIBLE
- 6 P/W WITH Ø755000 END SEAL MUST BE USED WITH WIRE INSULATION
RANGE FROM Ø1.99 MIN TO Ø3.70 MAX (18AWG TO 12AWG OR
1mm² TO 4mm² ISO THIN WALL)
- 7 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 IN THE ELECTRICAL TERMINAL DRAWING:
ISO THINWALL EQUIVALENTS PERMISSIBLE
MAX. INSULATION CRIMP WIDTH = 4.50
MAX. INSULATION CRIMP HEIGHT = 4.50
MAX. INSULATION DIA = 4.09 (10 GA THIN WALL)
- 8 USE WITH FOLLOWING APPLICABLE COMPONENTS AS NEEDED
CAVITY PLUS MVL P/N 54200005.DPN 15316894
DOUBLE X-MAS TREE CLIP CHRYSLER P/N 04070791
X-MAS TREE CLIP CHRYSLER P/N 04062579
2.8MM APEX FEMALE TERMINAL IS SYMMETRICAL ABOUT CENTER LINE
AND IT CAN BE INSERTED 180° INTO TERMINAL CAVITY
- 9 DIRECT CONNECT DRAWING NO. MVL G36010 (CHRYSLER 0407028)
- 10 TEST METHOD PER CHRYSLER PERFORMANCE SPEC # 54C/USCAR-2
REV 5, CONNECTOR ENGAGE & DISENGAGE WITH LATCH DEPRESSED
FORCE NOT TO EXCEED 120N FOR THIS SYSTEM
- CPA SEATING FORCES - 40N MAX
- WEDGE SEATING FORCES - 120N MAX
- X-MAS TREE CLIP INSERTION FORCES - 75N MAX
- 11 SUPPLIER, MOLD & CAVITY I.D. SIGNIFIES TOOL OWNERSHIP,
FOR REFERENCE

ANNUAL QUALITY REQUIREMENTS:
IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER MYL
SPECIFICATION #AQA-001 INSTEAD OF ANNUAL LAYOUT & 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

12 MUST CONFORM TO THE FOLLOWING CHRYSLER/YNA STANDARD
SAE/JISCAR-2 REV 5 FOR LATCH PERFORMANCE & AUDIBILITY

SAE/USCAR-2 REV 5 EXCEPT AS NOTED ABOVE
PS-7300 QUALITY ASSURANCE (CHRYSLER)
PS-4480-CEK-4 (CHRYSLER) PART 1 D (G-009-2 YMA)

PS-9065 REGRIND (CHRYSLER), (G-009-3 YNA)
PS-9227 DATA EXCHANGE (CHRYSLER), (G-009-7 YNA)
PS-10050 INFORMATION SECURITY (CHRYSLER)

THIS DRAWING (H59005) REPLACES CHRYSLER DRAWING

NUMBER 04687872 LEVEL "R"
CHRYSLER DRAWING IS FOR REFERENCE ONLY

△14 MVL P/N'S WITH SUFFIX "N" DESIGNATES
ASSEMBLIES W/O CPA

15 MVL SUPPLIER CODE: 52772 OR 52772H

MATING PART NUMBER CHART										
G	LT BRN	SEALED	54201043N	33511361	N/A	N/A	54201042	33500119	N/A	N/A
		SEALED	54201043	1361481	C 04868049AA	N/A	54201042	33500119	C 04868047AA	N/A
		SEALED	*54201063	15537706	N/A	N/A	DIRECT CONNECT APPLICATION INDEX G			
		SEALED	*54201065N	33511365	N/A	N/A	DIRECT CONNECT APPLICATION INDEX G			
F	AQUA	UNSEALED	54201005N	33511352	N/A	N/A	DIRECT CONNECT APPLICATION INDEX F			
		UNSEALED	54201005	33512203	C 04687905	7283-4809-90	DIRECT CONNECT APPLICATION INDEX F			
		SEALED	54201015N	33511358	N/A	N/A	DIRECT CONNECT APPLICATION INDEX F			
		SEALED	54201015	33500117	C 04687899	7283-4806-90	DIRECT CONNECT APPLICATION INDEX F			
E	DK GRN	UNSEALED	54201003N	33511350	N/A	N/A	DIRECT CONNECT APPLICATION INDEX E			
		UNSEALED	54201003	33500110	C 04687904	7283-4808-60	DIRECT CONNECT APPLICATION INDEX E			
		SEALED	54201013N	33511356	N/A	N/A	DIRECT CONNECT APPLICATION INDEX E			
		SEALED	54201013	33500115	C 04687898	7283-4805-60	DIRECT CONNECT APPLICATION INDEX E			
D	ORANGE	UNSEALED	54201004N	33511351	N/A	N/A	DIRECT CONNECT APPLICATION INDEX D			
		UNSEALED	54201004	33500111	C 04687903	7283-4807-50	DIRECT CONNECT APPLICATION INDEX D			
		SEALED	54201014N	33511357	N/A	N/A	DIRECT CONNECT APPLICATION INDEX D			
		SEALED	54201014	33500116	C 04687897	7283-4804-50	DIRECT CONNECT APPLICATION INDEX D			
C	DK GREY	SEALED	54201011N	33511354	N/A	N/A	DIRECT CONNECT APPLICATION INDEX C			
		SEALED	54201011	15537698	C 04801117	7229-2829-40	DIRECT CONNECT APPLICATION INDEX C			
		SEALED	*54201023N	33511360	N/A	N/A	DIRECT CONNECT APPLICATION INDEX C			
		SEALED	*54201023	33511343	C 04801112	7223-1609-40	DIRECT CONNECT APPLICATION INDEX C			
B	LT GRN	SEALED	F066900	1368780	N/A	N/A	DIRECT CONNECT APPLICATION INDEX C			
		SEALED	△F071010	33511376	N/A	N/A	JOHN DEERE LITTLE FUSE LOAD CENTER			
		UNSEALED	54201002N	33511349	N/A	N/A	54201008	33500114	N/A	N/A
		UNSEALED	54201002	33500109	C 04687902	7223-1109-60	54201008	33500114	C 04687911	7222-1009-60
A	BLACK	SEALED	54201012N	33511355	N/A	N/A	54201018	33500118	N/A	N/A
		SEALED	54201012	13576036	C 04687896	7283-4803-60	54201018	33500118	C 04687908	N/A
		SEALED	*54201062	15537705	N/A	N/A	DIRECT CONNECT APPLICATION INDEX C			
		SEALED	*54201064N	33511364	N/A	N/A	DIRECT CONNECT APPLICATION INDEX C			
G	LT BRN	SEALED	F671310	33511377	N/A	N/A	DIRECT CONNECT APPLICATION INDEX B			
		UNSEALED	54201001N	33511348	N/A	N/A	54201007	33500113	N/A	N/A
		UNSEALED	54201001	33500108	C 04687901	7283-4802-40	54201007	33500113	C 04687910	N/A
		SEALED	F961010	33511375	N/A	N/A	JOHN DEERE LITTLE FUSE LOAD CENTER			
F	AQUA	SEALED	54201010N	33511353	N/A	N/A	54201017	15491340	N/A	N/A
		SEALED	54201010	13641403	C 04687895	7283-4605-40	54201017	15491340	C 04687907	7282-4605-40
		SEALED	54201010	13641403	C 04687895	7283-4605-40	54201024	33511344	C 04688875	7282-4605-40
		SEALED	△F956900	13686771	N/A	N/A	DIRECT CONNECT APPLICATION INDEX B			
E	DK GRN	UNSEALED	54201000N	33511347	N/A	N/A	54201006	33500112	N/A	N/A
		UNSEALED	54201000	15492828	C 04687900	7283-4606-30	54201006	33500112	C 04687909	N/A
		SEALED	54201009	15316895	C 04687894	7223-1605-30	54201016	15425612	C 04687906	7222-7406-30
		SEALED	*54201022N	33511359	C 04707443	7283-4901-30	54201016	15425612	C 04687906	7222-7406-30
D	ORANGE	SEALED	*54201054	13671710	C 04759589AA	7283-4901-30	54201016	15425612	C 04687906	7222-7406-30
		SEALED	54201054	13671710	C 04759589AA	7283-4901-30	54201058	33511345	C 56045040AA	N/A
		SEALED	54201056N	33511363	N/A	N/A	54201016	15425612	C 04687906	7222-7406-30
		SEALED	△F856900	13665781	N/A	N/A	DIRECT CONNECT APPLICATION INDEX A			
C	DK GREY	SEALED	54201051N	33511362	C 04707404	N/A	DIRECT CONNECT APPLICATION INDEX A			
		INDEX TYPE	COLOR	SEALED/UNSEALED	MVL	DELPHI	CUSTOMER	TNA	MVL	DELPHI
FEMALE ASSEMBLY PART NUMBERS										
MATING ASSEMBLY PART NUMBERS FOR REFERENCE ONLY										

CHART - ASSEMBLY PART NUMBERS									
UNSEALED					SEALED				
W/O CPA		W/CPA				W/CPA		W/O CPA	
WVL	REV	DELPHI PART NO.	REV	CUSTOMER P/N	YNA P/N	WVL	REV	DELPHI PART NO.	REV
5420.001N	3351	3352	01			5420.001N	3351	3352	01
5420.001N	3351	3352	01			5420.001N	3351	3352	01
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5420.004N	3351	3350	01			5420.004N	3351	3350	01
5420.005N	3351	3352	01			5420.005N	3351	3352	01
5420.006N	3351	3352	01			5420.006N	3351	3352	01
5420.007N	3351	3352	01			5420.007N	3351	3352	01
5420.008N	3351	3352	01			5420.008N	3351	3352	01
5420.009N	3351	3352	01			5420.009N	3351	3352	01
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5420.011N	3351	3352	01			5420.011N	3351	3352	01
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5420.136N	3351	3352	01		</				

ITEM	(CHRYSLESL)	MVL	DELPHI	PART NAME - COLOR	MATERIAL
(1)	04687756	54201026	55373342	INSULATOR - FEMALE INDEX A; BLK	PA66 GF
(1)	04687957	54201027	55373343	INSULATOR - FEMALE INDEX B; LT GRN	PA66 GF
(1)	04687958	54201028	55373344	INSULATOR - FEMALE INDEX C; LT GRN	PA66 GF
(1)	04801111	54201029	55373345	INSULATOR - FEMALE INDEX D; DK GREY	PA66 GF
(1)	04687959	54201030	55373301	INSULATOR - FEMALE INDEX D; ORG	PA66 GF
(1)	04687960	54201031	55373304	INSULATOR - FEMALE INDEX E; DK GRN	PA66 GF
(1)	04687962	54201032	55373307	INSULATOR - FEMALE INDEX F; AQUA	PA66 GF
(1)	046860484A	54201033	55373309	INSULATOR - FEMALE INDEX G; LT BROWN	PA66 GF
(2)	04687771	54201019	55373339	WEDGE FEMALE; ROYAL BLUE	PA66 GF
(3)	04687736	54201049	55373281	RING SEAL; RED	SILICONE
(4)	04687963	54201050	53679355	END SEAL; DK BLUE (INS. RANGE Ø 1.70 - Ø 4.09)	SILICONE
(4)	N/A	C755900	TBD	END SEAL; WHITE (INS. RANGE Ø 1.90 - Ø 3.70)	SILICONE
(4)	N/A	54201052	55373330	END SEAL; BRIGHT YELLOW (NO HOLES)	SILICONE
(5)	04687750	54201021	55373341	RETAINER; BLACK	PA66 GF
(6)	04687739	54200003	55372971	CA LATCH; RED	PA66 GF

*END SEAL MVL P/N 54201050 OR F755900 AND RETAINER P/N 54201021 OR HINGE TYPE PROVIDED LOOSE PIECE AND INSTALLED AT HARNESS ASSEMBLY. SEE HARNESS ASSEMBLY DRAWING FOR END SEAL AND RETAINER (STANDARD OR HINGE TYPE) PART NUMBERS

^ INDICATES THIS PART AVAILABLE THROUGH TTI

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