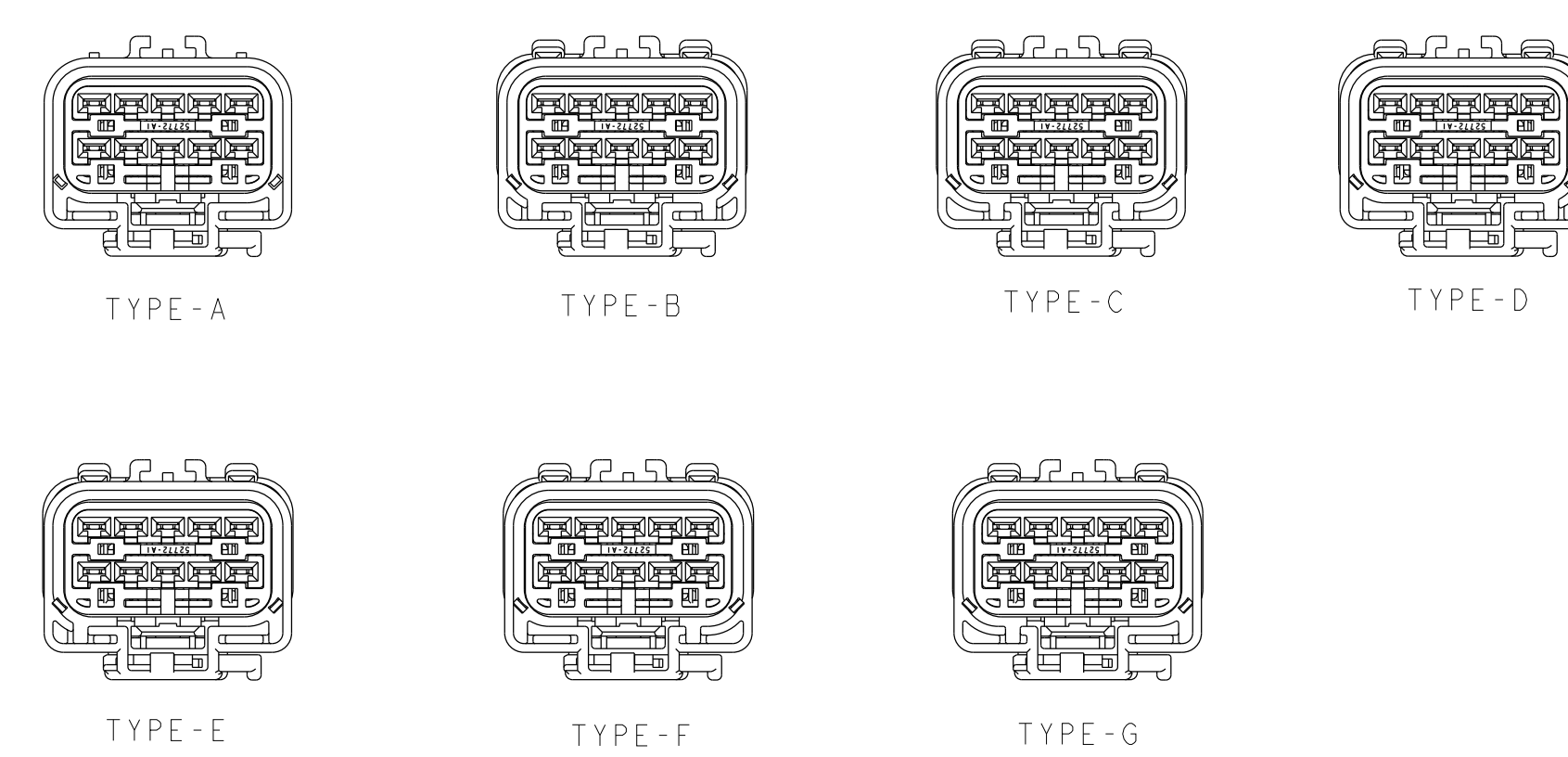
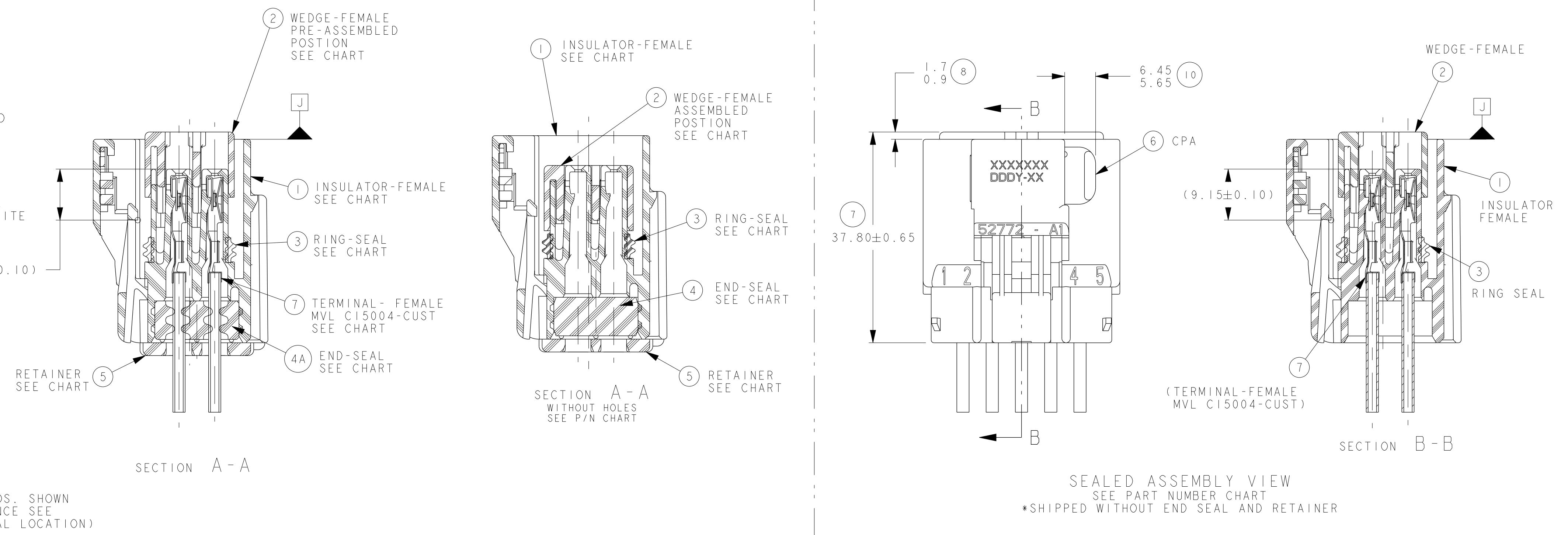
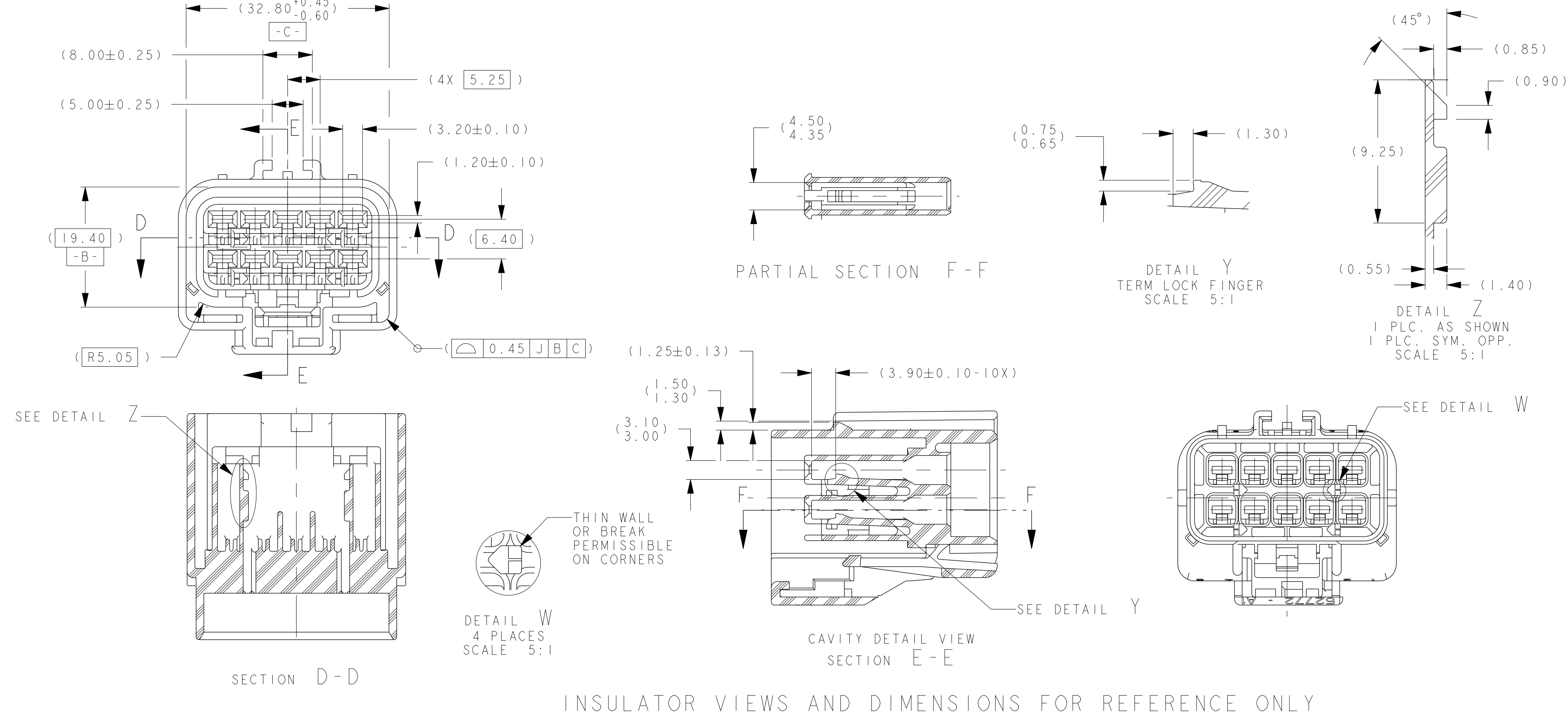
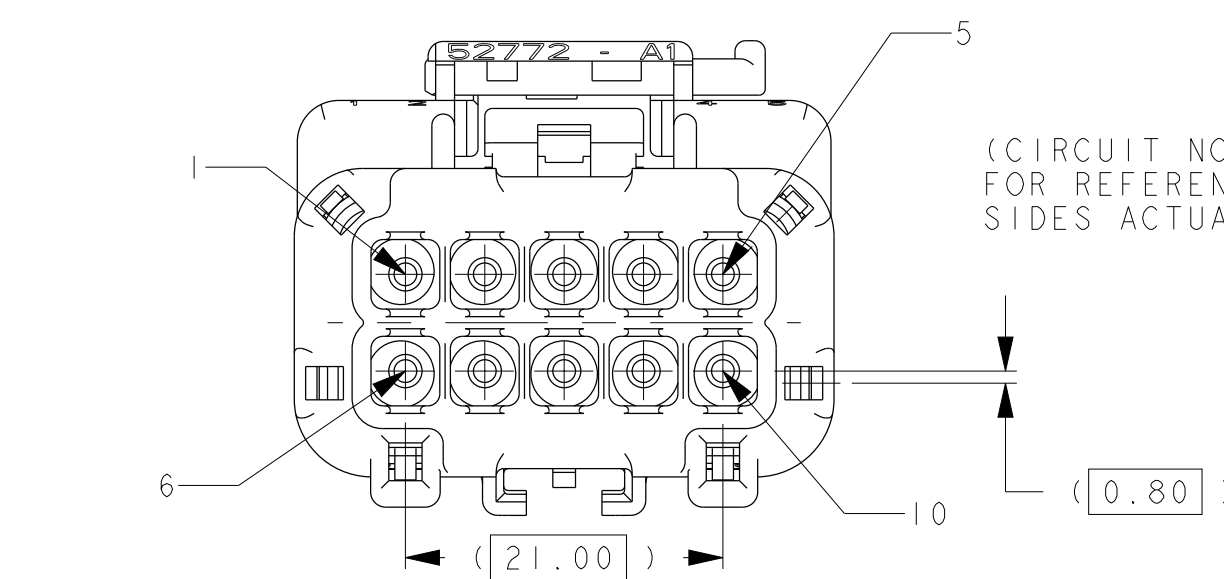
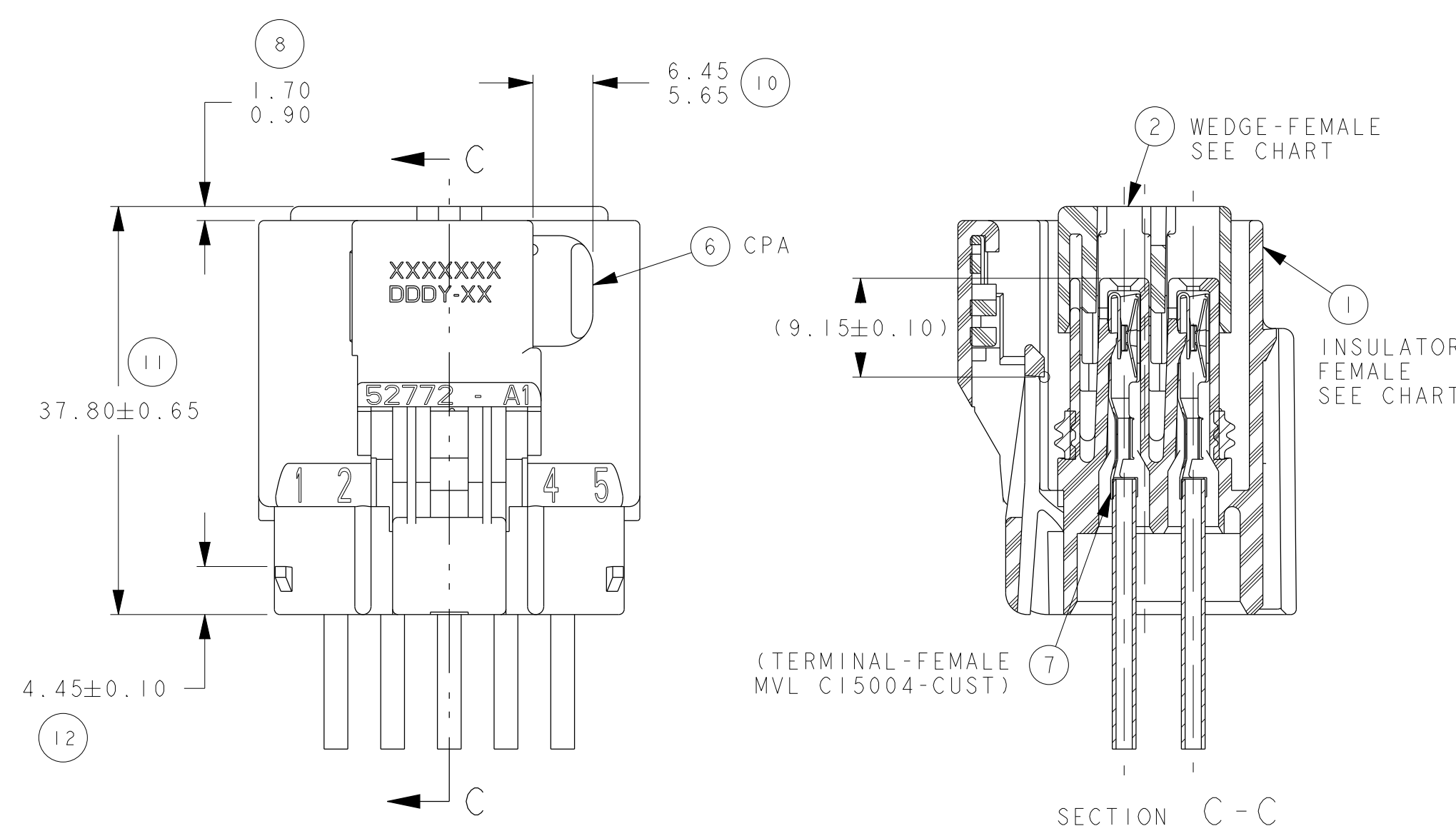




POLARIZATION OPTIONS
FULL SIZE
SHOWN WITH CPA



UNSEALED ASSEMBLY VIEW
SEE PART NUMBER CHART

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 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 TERMINAL HEAVY DUTY 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

MUST CONFORM TO THE FOLLOWING CHRYSLER/YNA STANDARDS:
SAE/USCAR-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 I.D., (G-009-2 YNA)
PS-9065 REGRIND (CHRYSLER), (G-009-3 YNA)
PS-9227 DATA EXCHANGE (CHRYSLER), (G-009-7 YNA)
PS-10052 INFORMATION SECURITY (CHRYSLER)

THIS DRAWING (H59005) REPLACES CHRYSLER
NUMBER 04687872 LEVEL "R"

CHRYSLER DRAWING IS FOR REFERENCE ONLY

ASSEMBLIES W/O CPA

MVI SUPPLIER CODE: 52772 OR 52772H

14-09682	B9 H8	ADD 42215 - WIRE APPLICATION NOTES FOR SEALED CONNECTOR WITH 5420150 MAT SEAL AND TAIL NUMBER ADDED
13-01104	E16 Z2	ADD 422555 - P/N 35512203 FOR MWL 5420150S WAS 3551132 IN REPAIR Z2 IN ASSEMBLY P/N 35512203
13-00356	E16 Z2	ADD 422555 - DELPHI P/N ADD FOR MWL P/N'S WITH LEVELS, CHARTS UPDATED P1 REPLACED BY MWL SUPPLIER CODE CALLOUT MOVED TO NOTES
13-01103	D16 B-C9	WATERPUMP PART #8 WAS 168835, TITLE BLOCK UPDATED TO PCL NOT AFFECTED, P/N F61310 ADDED IN CHART
14-969	D16 D14	RECORD CHANGE UPDATED FOR P/N'S F05990, F45680 & F66600 WAS MISSED DURING POS CONVERSION, THE PCL OF P/N'S F05990 & F61010 WILL STAY AT "M" BALANCE DUE TO ADD, INSPECTION AND NOTES UPDATED
11800	ALL	ASSEMBLY P/N'S F96100, F01010 ADDED, NOTES AND CHARTS UPDATED, INSULATION RANGE ADDED, REVISION AND REDRAWN IN POS

[illegible]

MATING PART NUMBER CHART												
INDEX TYPE	COLOR	SEALED/ UNSEALED	MVL	DELPHI	CUSTOMER	YNA	FOR REFERENCE ONLY					
							MVL	DELPHI	CUSTOMER	YNA		
G	LT BRN	SEALED	54201043N	33511361	N/A	N/A	54201042	33500119	N/A	N/A		
		SEALED	54201043	13641481	C 04868049AA	N/A	N/A	54201042	33500119	C 04868047AA	N/A	
		SEALED	*54201063	15537706	N/A	N/A						
		SEALED	*54201065N	33511365	N/A	N/A						
F	AQUA	UNSEALED	54201005N	33511352	N/A	N/A						
		UNSEALED	54201005	33512203	C 04687905	7283-4809-90						
		SEALED	54201015N	33511358	N/A	N/A						
		SEALED	54201015	33500117	C 04687899	7283-4806-90						
E	DK GRN	UNSEALED	54201003N	33511350	N/A	N/A						
		UNSEALED	54201003	33500110	C 04687904	7283-4808-60						
		SEALED	54201013N	33511356	N/A	N/A						
		SEALED	54201013	33500115	C 04687898	7283-4805-60						
D	ORANGE	UNSEALED	54201004N	33511351	N/A	N/A						
		UNSEALED	54201004	33500111	C 04687903	7283-4807-50						
		SEALED	54201014N	33511357	N/A	N/A						
		SEALED	54201014	33500116	C 04687897	7283-4804-50						
C	DK GREY	SEALED	54201011N	33511354	N/A	N/A						
		SEALED	54201011	15537698	C 04801117	7229-2829-40						
		SEALED	*54201023N	33511360	N/A	N/A						
		SEALED	*54201023	33511343	C 04801112	7223-1609-40						
B	LT GRN	SEALED	F066900	13688780	N/A	N/A	JOHN DEERE LITTLE FUSE LOAD CENTER					
		SEALED	△F071010	33511376	N/A	N/A						
		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	N/A	
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						
		SEALED	*54201064N	33511364	N/A	N/A						
B	LT GREY	SEALED	F671310	33511377	N/A	N/A						
		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					
A	BLACK	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	N/A	
		SEALED	54201010	13641403	C 04687895	7283-4605-40	54201024	33511344	C 04688875	7282-4605-40	N/A	
		SEALED	△F956900	13688771	N/A	N/A	DIRECT CONNECT APPLICATION INDEX B					
A	BLACK	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	N/A	
		SEALED	*54201022N	33511359	C 04707443	7283-4801-30	54201016	15425612	C 04687906	7222-7406-30	N/A	
A	BLACK	SEALED	*54201051A	13671710	C 04759589AA	7283-4901-30	54201016	15425612	C 04687906	7222-7406-30	N/A	
		SEALED	54201054	13671710	C 04759589AA	7283-4901-30	54201058	33511345	C 56045040AA	N/A		
		SEALED	54201056N	33511363	N/A	N/A	7283-4608-30	54201016	15425612	C 04687906	7222-7406-30	N/A
		SEALED	△F856900	13688781	N/A	N/A	DIRECT CONNECT APPLICATION INDEX A					
INDEX TYPE	COLOR	SEALED/ UNSEALED	MVL	DELPHI	CUSTOMER	YNA	FOR REFERENCE ONLY					
							MATING ASSEMBLY PART NUMBERS					

CHART - ASSEMBLY PART NUMBERS

UNSEALED

SEALED

W/O C/P

W/C/P

W/C/P

W/O C/P

CUSTOMER P/N

YMA P/N

NVL

REV

PART NO.

DELPHI

REV

54201000N

33511347

01

54201000N

33511349

01

54201004N

33511351

01

54201000N

33511352

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54201000N

51491288

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54201001

33501108

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54201004

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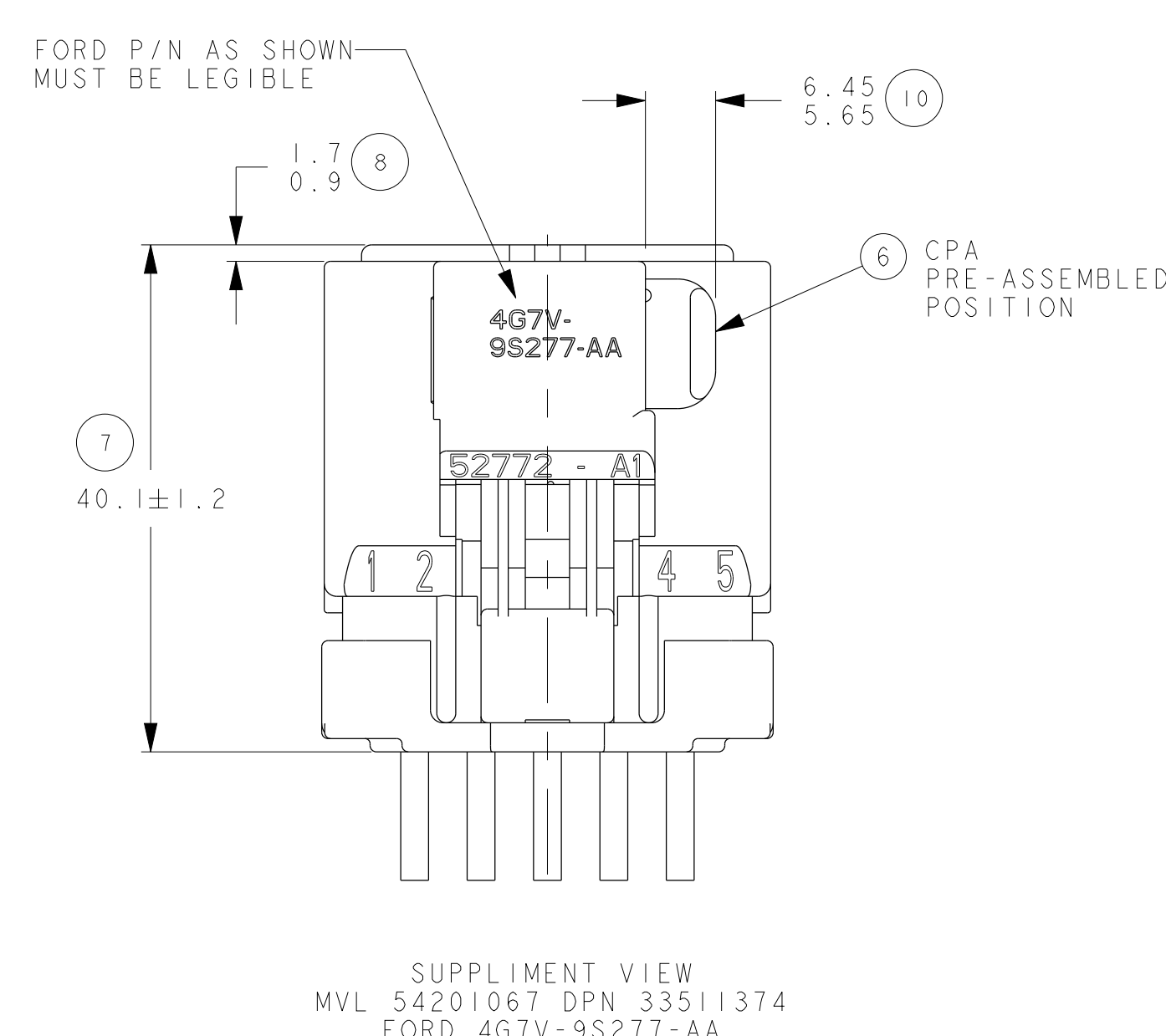
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ITEM	(CHRYSLER)	MVI	DELPHI	PART NAME - COLOR	MATERIAL
(1)	04687756	54201026	15537342	INSULATOR - FEMALE INDEX A; BLK	PA66 GF
(1)	04687957	54201027	15537343	INSULATOR - FEMALE INDEX B; LT GRN	PA66 GF
(1)	04687957	54201028	15537344	INSULATOR - FEMALE INDEX C; LT GRN	PA66 GF
(1)	04801111	54201029	15537345	INSULATOR - FEMALE INDEX D; DK GRN	PA66 GF
(1)	04801159	54201030	15537301	INSULATOR - FEMALE INDEX D; ORG	PA66 GF
(1)	04687960	54201031	15537304	INSULATOR - FEMALE INDEX E; DK GRN	PA66 GF
(1)	04687962	54201032	15537307	INSULATOR - FEMALE INDEX F; AQUA	PA66 GF
(1)	04868048AA	54201033	15537309	INSULATOR - FEMALE INDEX G; LT BROWN	PA66 GF
(2)	04687841	54201019	15537339	WEDGE FEMALE; ROYAL BLUE	PA66 GF
(2)	04687836	54201049	15537328	RING SEAL; RED	SILICONE
(2)	04687963	54201050	16343555	END SEAL; DK BLUE (INS. RANGE 0.170 - 0.409)	SILICONE
(2)	N/A	555900	TBD	END SEAL; WHITE (INS. RANGE 0.170 - 0.370)	SILICONE
(2)	N/A	54201052	15537339	END SEAL; BRIGHT YELLOW (NO HOLES)	SILICONE
(2)	04687750	54201021	15537341	RETAINER; BLACK	PA66 GF
(2)	04687739	54200003	15537297	CPA LATCH; RED	PA66 GF

CONNECTOR ASSEMBLY TEMPERATURE CLASS PER SAE/USCAR-2 REV 5

*END SEAL MV/L P/N 54201050 OR F755900 AND RETAINER P/N 5420102 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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Mouser Electronics

Authorized Distributor

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