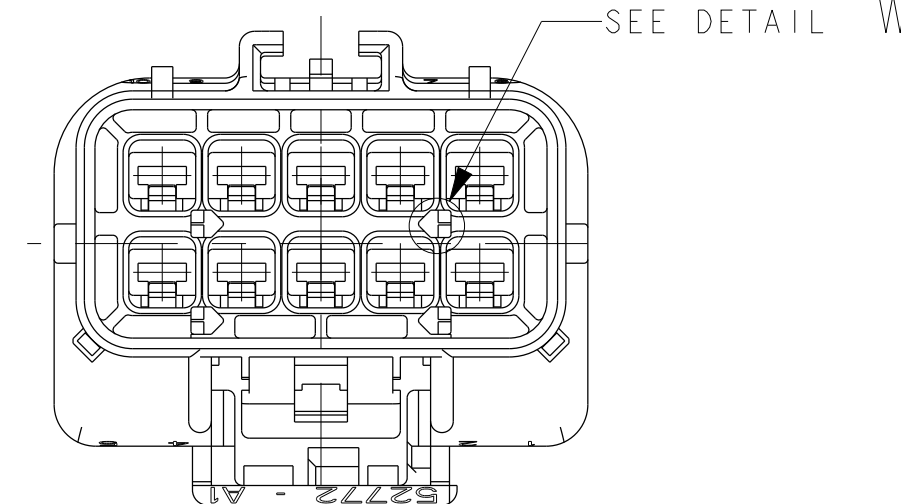
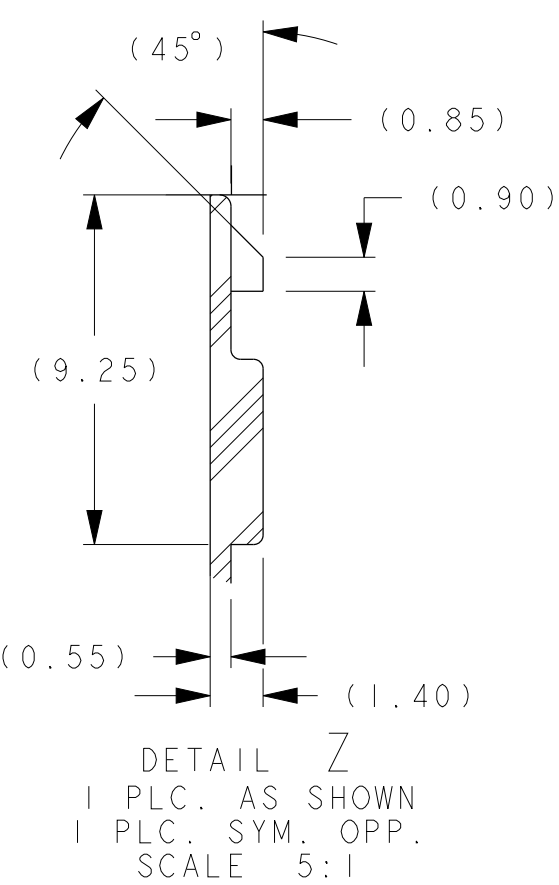
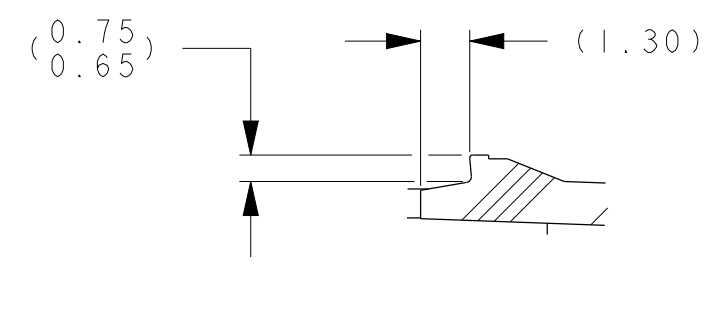
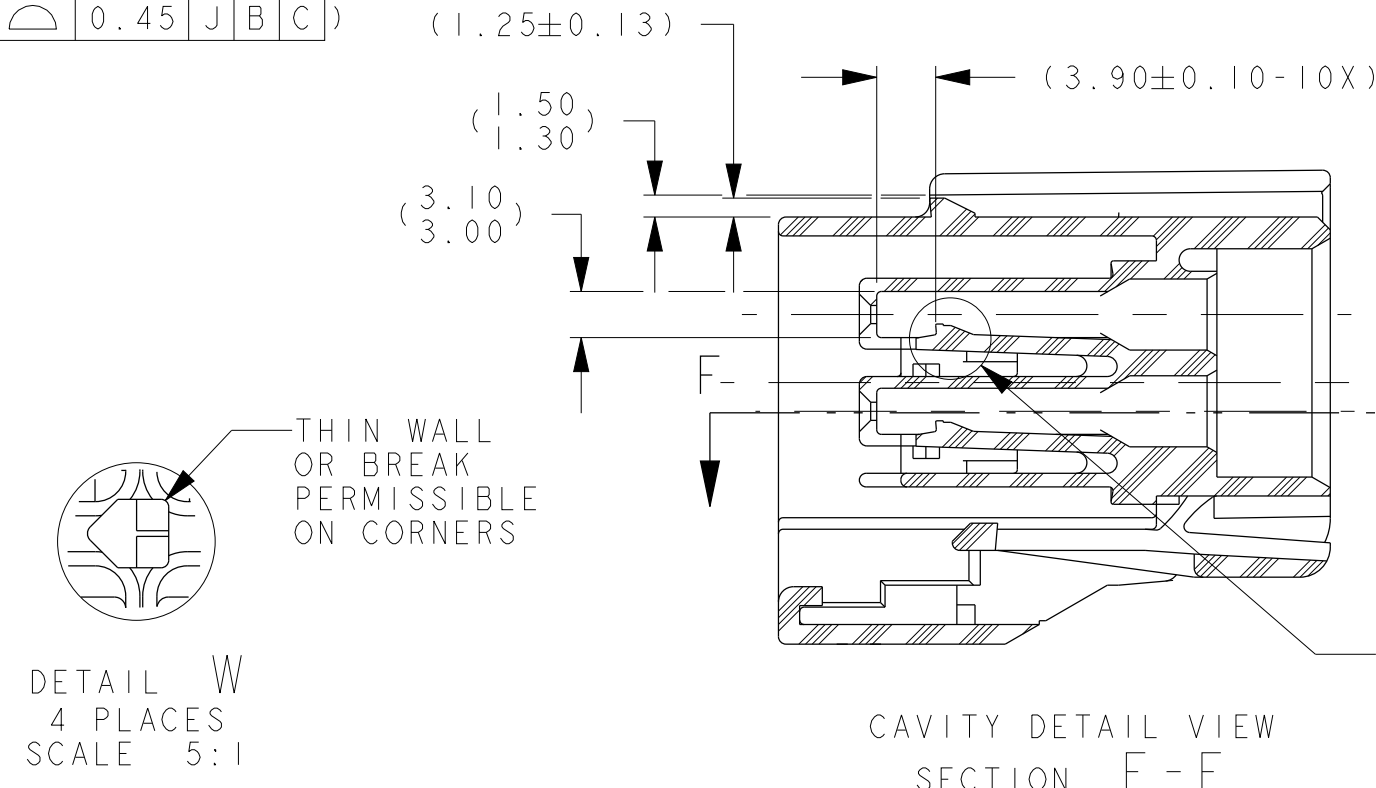
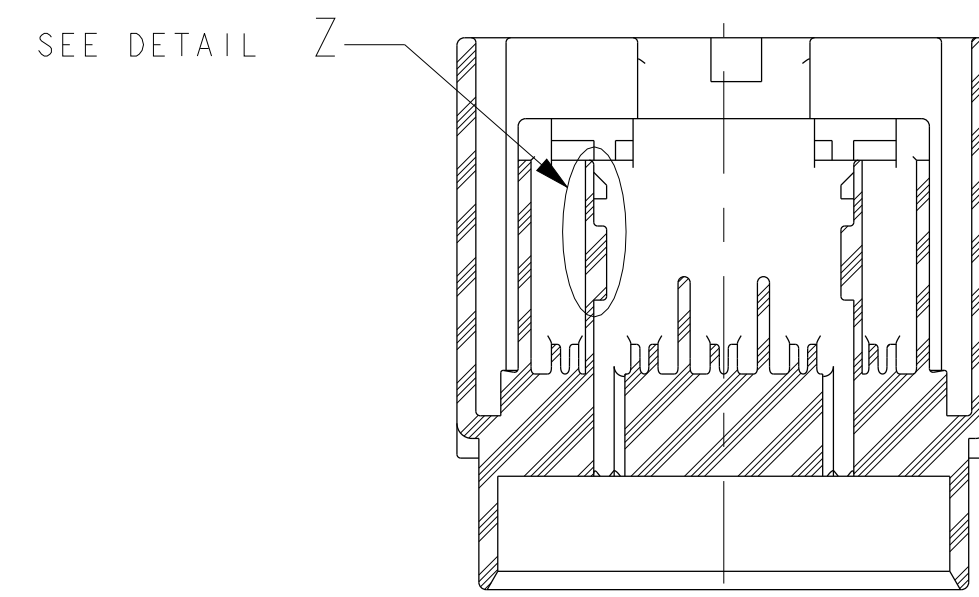
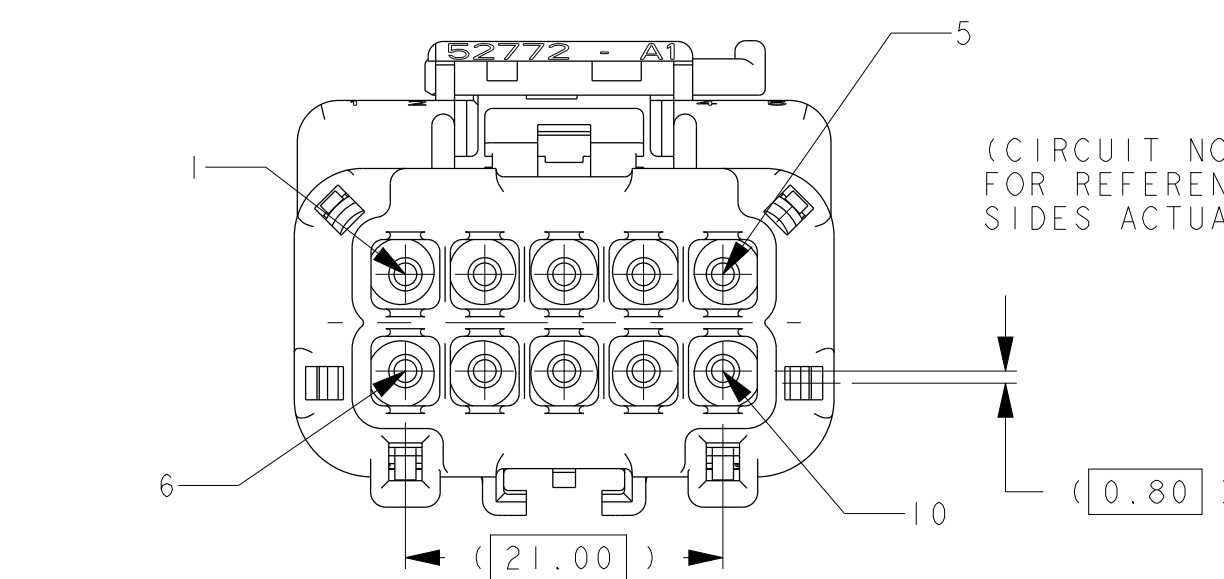
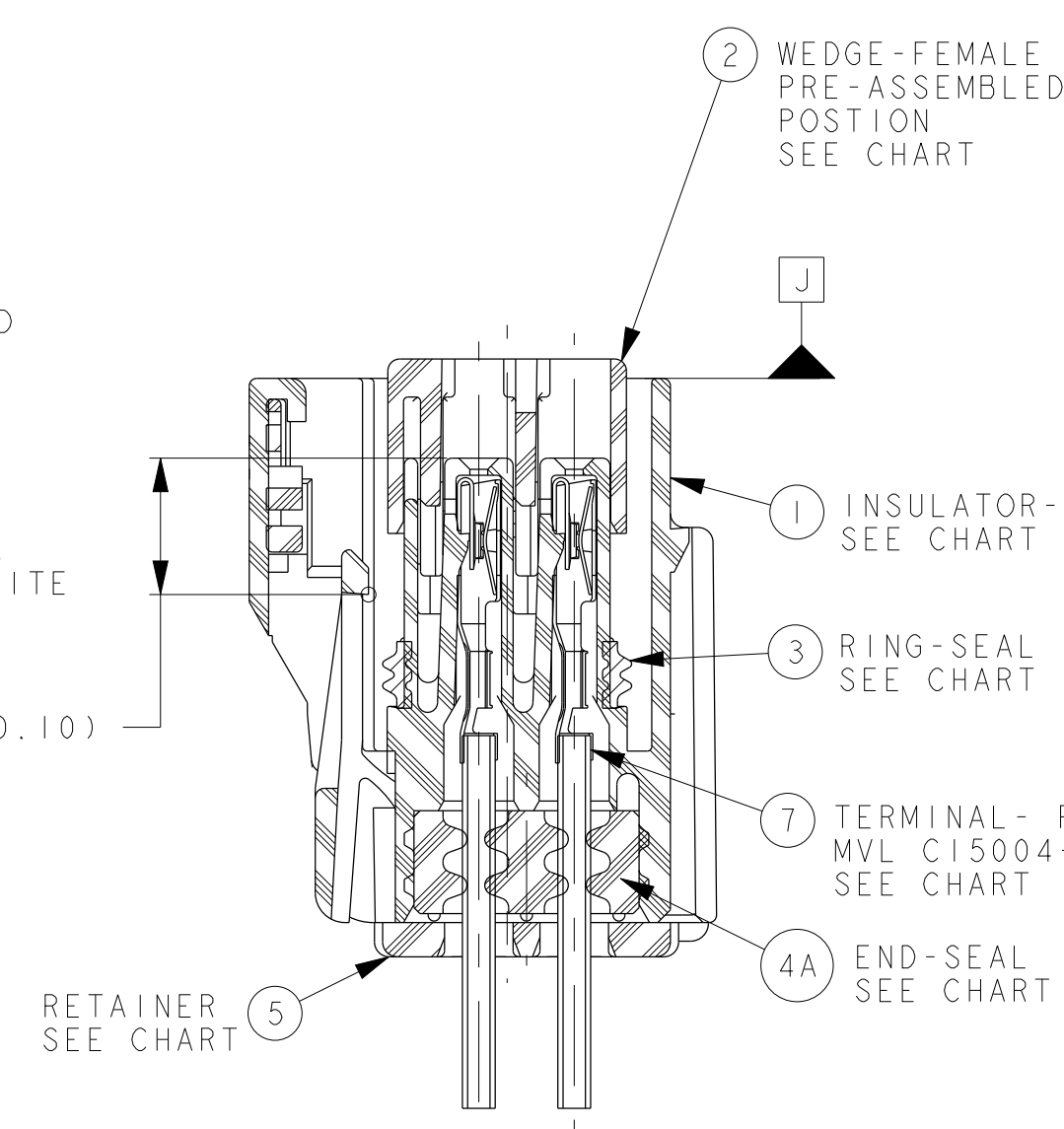




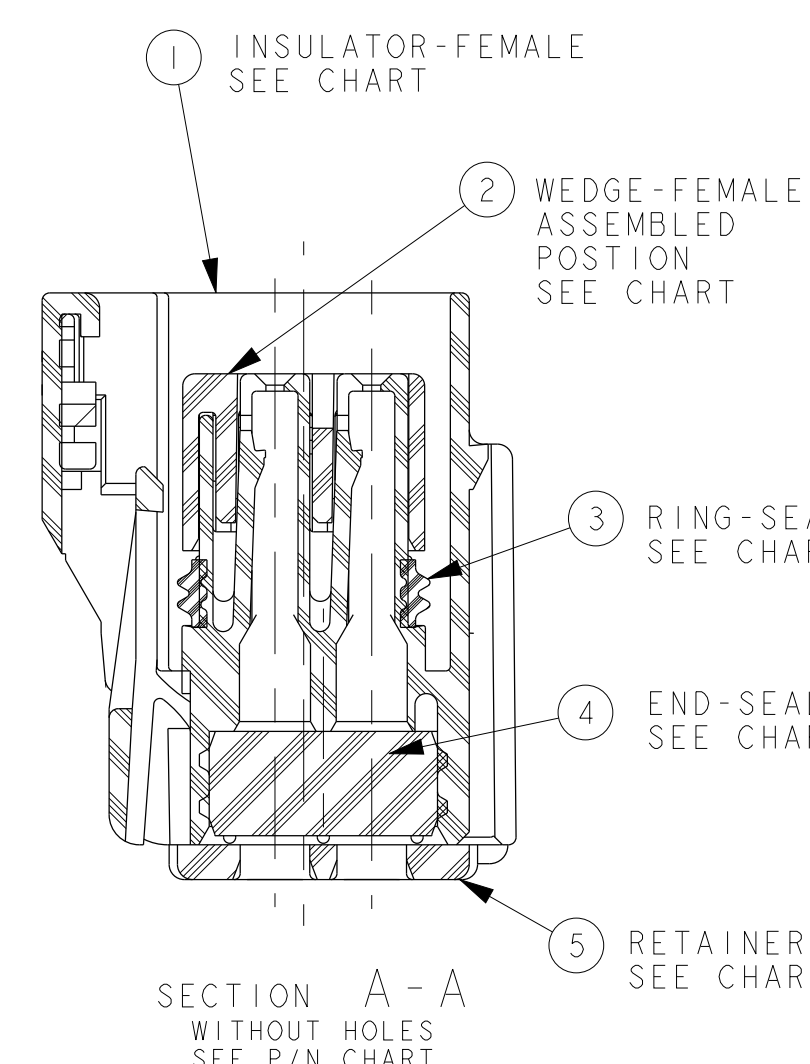
DETAIL
4 PLACES
SCALE 5:

CAVITY DETAIL VIEW
SECTION E-E

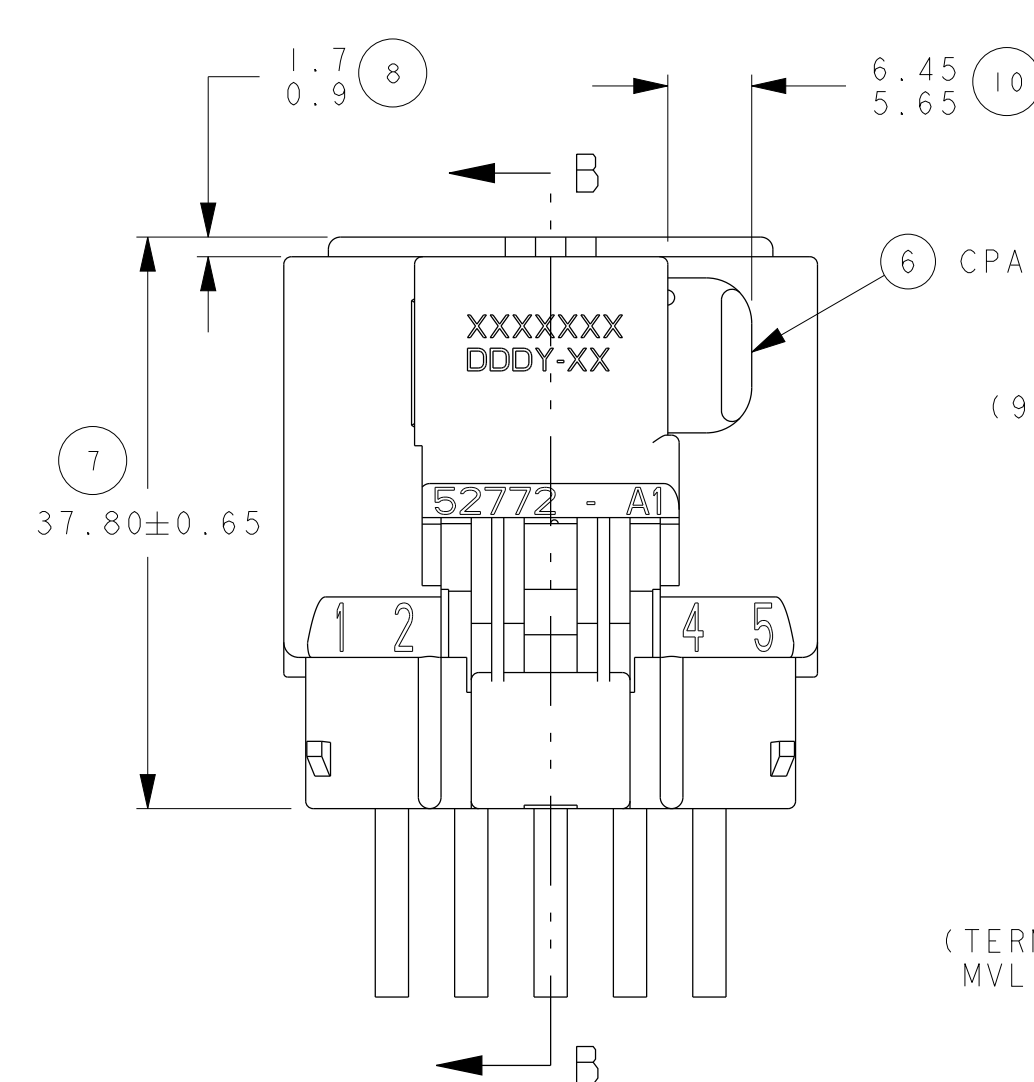
INSULATOR VIEWS AND DIMENSIONS FOR REFERENCE ONLY



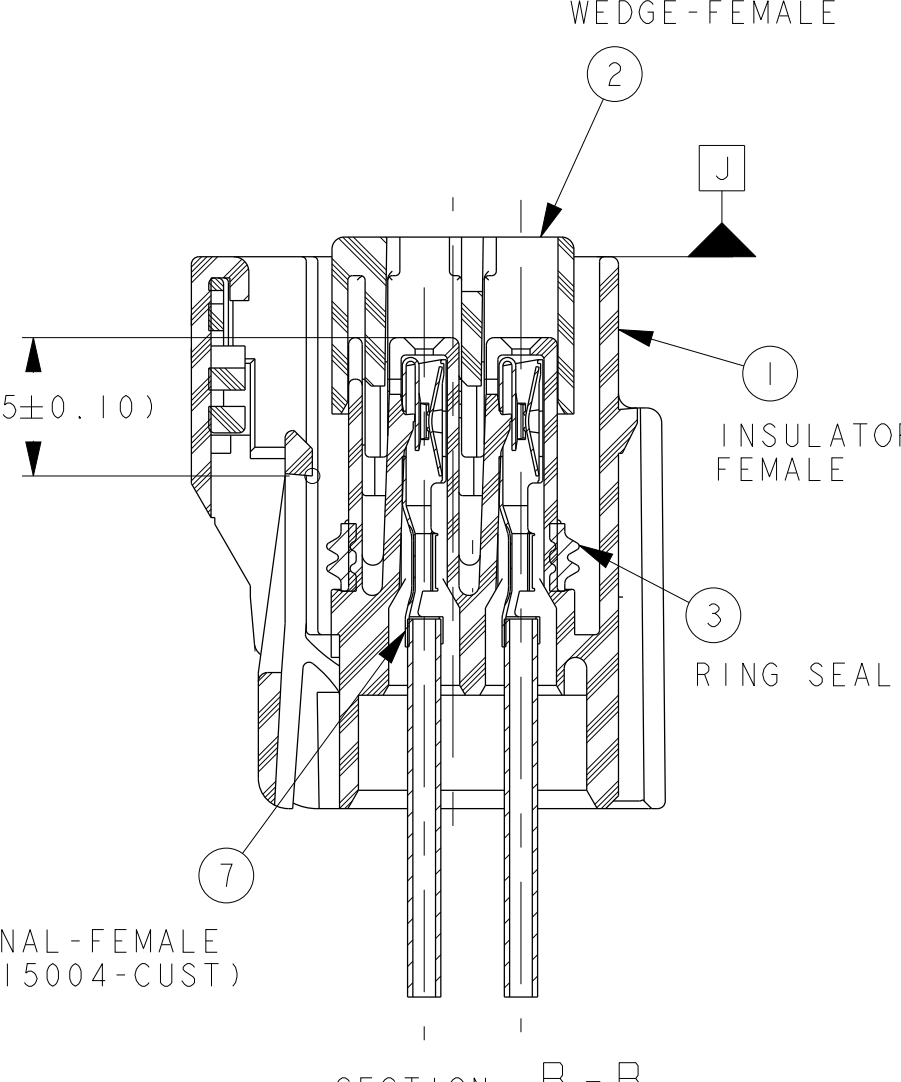
SECTION A - A



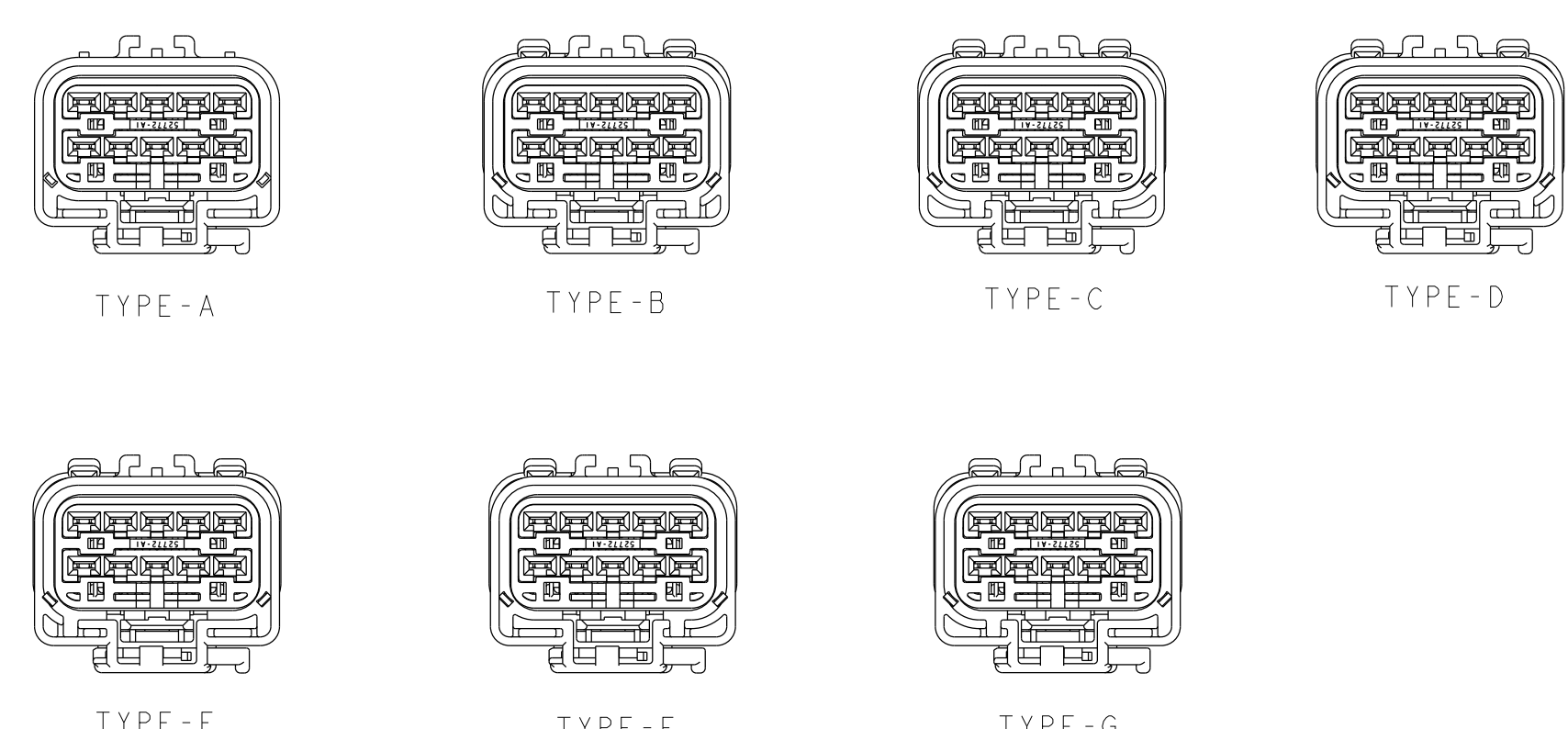
SECTION A - A
WITHOUT HOLES
SEE P/N CHART



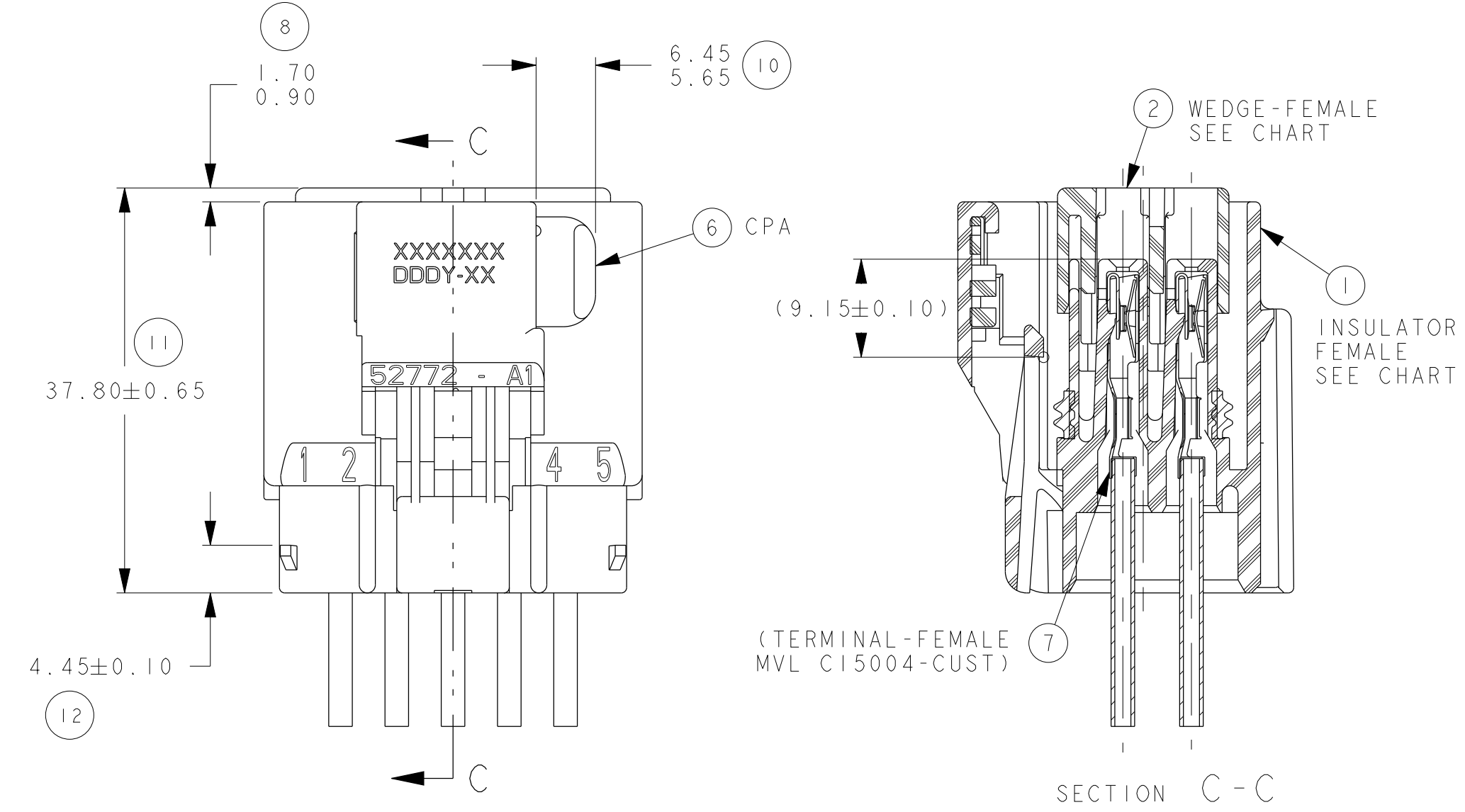
SEALED ASSEMBLY VIEW
SEE PART NUMBER CHART
PPED WITHOUT END SEAL AND RETAINER



SECTION B-E



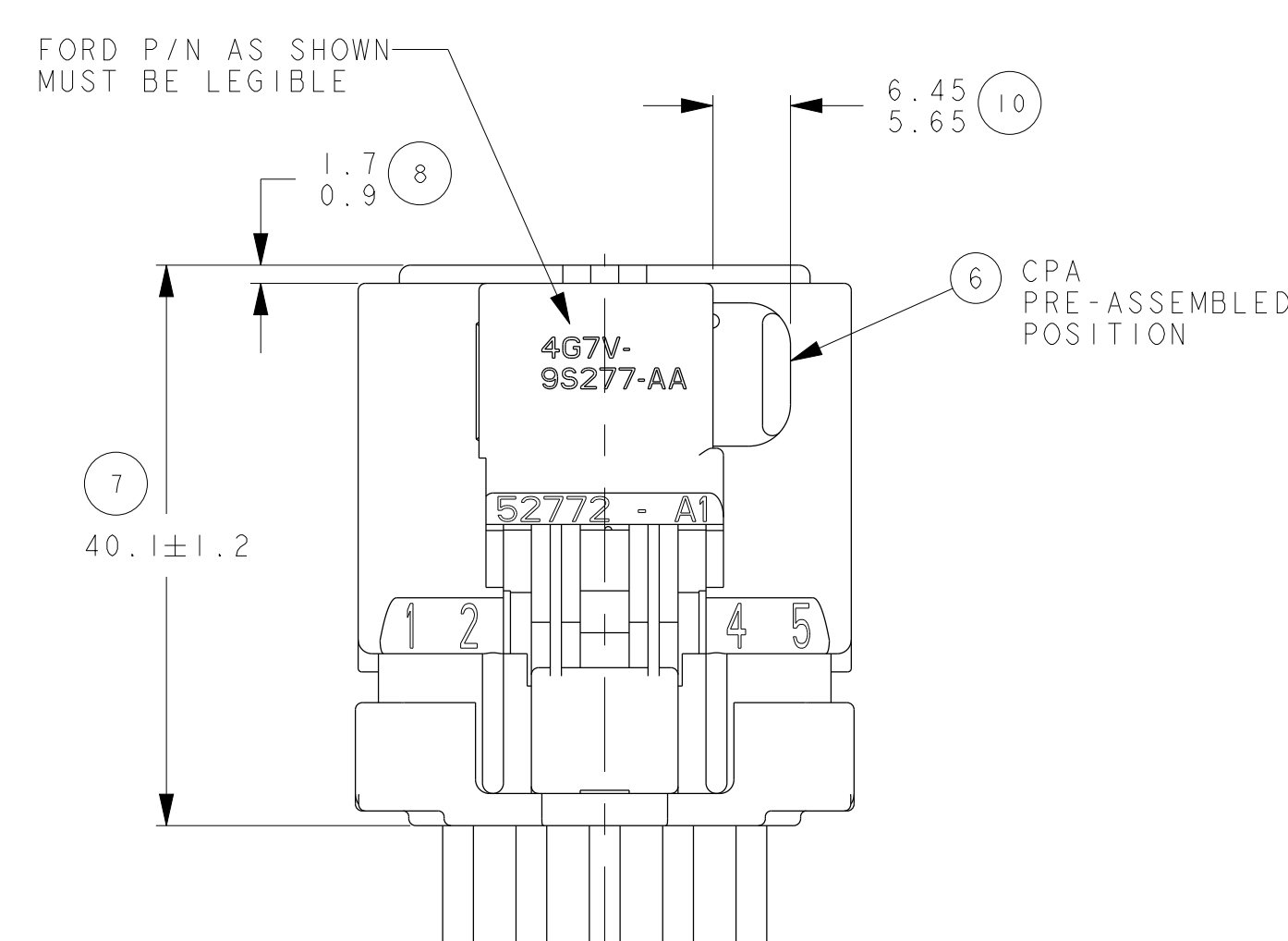
POLARIZATION OPTION
FULL SIZE
SHOWN WITH CPA



UNSEALED ASSEMBLY VIE
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-8502 THIN WALL X-MAS TWIN CLIP 20AWG TO 10AWG (INSULATION Ø1.70 TO Ø4.09) ISO THIN WALL EQUIVALENTS PERMISSIBLE
- 6 P/W WITH C755900 END SEAL MUST BE USED WITH WIRE INSULATION RANGE FROM Ø1.90 MIN TO Ø3.70 MAX (18AWG TO 12AWG OR 1mm to 4mm 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 ON THE FEMALE TERMINAL DRAWING: ISO THINWALL EQUIVALENTS PERMISSIBLE
MAX. INSULATION CRIMP HEIGHT = 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
APPLY PLUG MVL P/N 54200005.DPN IS1316894
DO NOT X-MAS TREE CLIP CHRYSLER P/N 04627091
SINGLE X-MAS TREE CLIP CHRYSLER P/N 04625797
2.8MM APX FEMALE TERMINAL IS SYMMETRICAL ABOUT CENTER LINE AND IT CAN BE INSERTED 180° INTO TERMINAL CAVITY
- 9 DIRECT CONNECT DRAWING NO. MVL G36010 (CHRYSLER 04707028)
- 10 TEST METHOD PER CHRYSLER PERFORMANCE SPEC # SAE/USCAR-2 REV 5. CONNECTOR ENGAGE & DISENGAGE WITH LATCH DEPPRESSED FORCE NOT TO EXCEED 120N FOR THIS SYSTEM
- 11 CPA SEATING FORCES - 40N MAX
WEDGE SEATING FORCES - 120N MAX
X-MAS TREE CLIP INSERTION FORCES - 75N MAX
- 12 SUPPLIER, MOLD & TOOLING I.D. SIGNIFIES TOOL OWNERSHIP, FOR REFERENCE



SUPPLEMENT VIEW
MVL 54201067 DPN 33511374
FORD 4G7V-9S277-AA

MATING PART NUMBER CHART													
G	LT BRN	SEALED	54201043N	33511361	N/A	N/A	54201042	33500119	N/A	N/A			
		SEALED	54201043	13641481	C 04686049AA	N/A	N/A	54201042	33500119	C 04686047AA	N/A	N/A	
		SEALED	*54201063	15537706	N/A	N/A	N/A	DIRECT CONNECT APPLICATION INDEX G					
		SEALED	*54201065N	33511365	N/A	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	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	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	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	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	13866870	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	N/A	54201008	33500114	N/A	N/A		
		UNSEALED	54201002	33500109	C 04687902	7223-1109-60	54201008	33500114	C 04687911	7222-1009-60			
A	LT GRN	SEALED	54201012N	33511355	N/A	N/A	54201018	33500118	N/A	N/A			
		SEALED	54201012	13576036	C 04687896	7283-4803-60	54201018	33500118	N/A	7283-7908			
		SEALED	*54201062	15537705	N/A	N/A	N/A	DIRECT CONNECT APPLICATION INDEX C					
		SEALED	*54201064N	33511364	N/A	N/A	N/A	DIRECT CONNECT APPLICATION INDEX C					
Z	LT GREY	SEALED	F671310	33511377	N/A	N/A			DIRECT CONNECT APPLICATION INDEX B				
		UNSEALED	54201001N	33511348	N/A	N/A	N/A	54201007	33500113	N/A	N/A		
		UNSEALED	54201001	33500108	C 04687901	7283-4802-40	54201007	33500113	C 04687910	N/A	N/A		
		SEALED	F961010	33511375	N/A	N/A	N/A	JOHN DEERE LITTLE FUSE LOAD CENTER					
Y	LT GREY	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	13866871	N/A	N/A	N/A	DIRECT CONNECT APPLICATION INDEX B					
X	BLACK	UNSEALED	54201000N	33511347	N/A	N/A	54201006	33500112	N/A	N/A			
		UNSEALED	54201000	15492288	C 04687900	7283-4606-30	54201006	33500112	C 04687909	N/A	N/A		
		SEALED	54201009	15316895	C 04687874	7223-1605-30	54201016	15425612	C 04687906	7222-7406-30			
		SEALED	*54201022N	33511359	C 04707443	7283-4801-30	54201016	15425612	C 04687906	7222-7406-30			
W	BLACK	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	N/A		
		SEALED	54201056N	33511363	N/A	N/A	7283-4608-30	54201016	15425612	C 04687906	7222-7406-30		
		SEALED	△F856900	13866871	N/A	N/A	N/A	DIRECT CONNECT APPLICATION INDEX A					
V	BLACK	SEALED	54201051N	33511362	C 04707404	N/A			DIRECT CONNECT APPLICATION INDEX A				
		INDEX TYPE	COLOR	SEALTY/ UNSEALED	MVL	DELPHI	CUSTOMER	YNA	MVL	DELPHI	CUSTOMER	YNA	
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		
YNA	P/N	CUSTOMER P/N	DELPHI	REV	YNA	P/N	CUSTOMER P/N	DELPHI	REV
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5420.118N	U	3351.465	0		5420.118N	U	3351.465	0	
5420.119N	U	3351.466	0		5420.119N	U	3351.466	0	
5420.120N	U	3351.467	0		5420.120N	U	3351.467	0	
5420.121N	U	3351.468	0		5420.121N	U	3351.468	0	
5420.122N	U	3351.469	0		5420.122N	U	3351.469	0	
5420.123N	U	3351.470	0		5420.123N	U	3351.470	0	
5420.124N	U	3351.471	0		5420.124N	U	3351.471	0	
5420.125N	U	3351.472	0		5420.125N	U	3351.472	0	
5420.126N	U	3351.473	0		5420.126N	U	3351.473	0	
5420.127N	U	3351.474	0		5420.127N	U	3351.474	0	
5420.128N	U	3351.475	0		5420.128N	U	3351.475	0	
5420.129N	U	3351.476	0		5420.129N	U	3351.476	0	
5420.130N	U	3351.477	0		5420.130N	U	3351.477	0	
5420.131N	U	3351.478	0		5420.131N	U	3351.478	0	
5420.132N	U	3351.479	0		5420.132N	U	3351.479	0	
5420.133N	U	3351.480	0		5420.133N	U	3351.480	0	
5420.134N	U	3351.481	0		5420.134N	U	3351.481	0	
5420.135N	U	3351.482	0		5420.135N				

ITEM	(CHRYSLER)	MVL	DELPHI	PART NAME - COLOR	MATERIAL
(1)	04687756	54201026	15537342	INSULATOR - FEMALE INDEX A; BLK	PA66 GF
(2)	04687957	54201027	15537343	INSULATOR - FEMALE INDEX B; LT GRN	PA66 GF
(3)	04687958	54201028	15537344	INSULATOR - FEMALE INDEX C; LT GRN	PA66 GF
(4)	04801111	54201029	15537345	INSULATOR - FEMALE INDEX D; DK GREY	PA66 GF
(5)	04687959	54201030	15537301	INSULATOR - FEMALE INDEX D; ORG	PA66 GF
(6)	04687960	54201031	15537302	INSULATOR - FEMALE INDEX E; DK GRN	PA66 GF
(7)	04687962	54201032	15537303	INSULATOR - FEMALE INDEX F; AQUA	PA66 GF
(8)	04688048AA	54201033	15537309	INSULATOR - FEMALE INDEX G; LT BROWN	PA66 GF
(9)	04687741	54201019	15537339	WEDGE FEMALE; ROYAL BLUE	PA66 GF
(10)	04687736	54201049	15537328	RING SEAL; RED	SILICONE
(11)	04687963	54201050	1367935	END SEAL; DK BLUE (INS. RANGE 0.70 - 0.40 9)	SILICONE
(12)	N/A	C75590	TBD	END SEAL; WHITE (INS. RANGE 0.70 - 0.30 7)	SILICONE
(13)	N/A	54201052	15537330	END SEAL; BRIGHT YELLOW (NO HOLES)	SILICONE
(14)	04687750	54201021	15537341	RETAINER; BLACK	PA66 GF
(15)	04687739	54200003	15537297	CLIP LATCH; RED	PA66 GF

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

*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 T

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