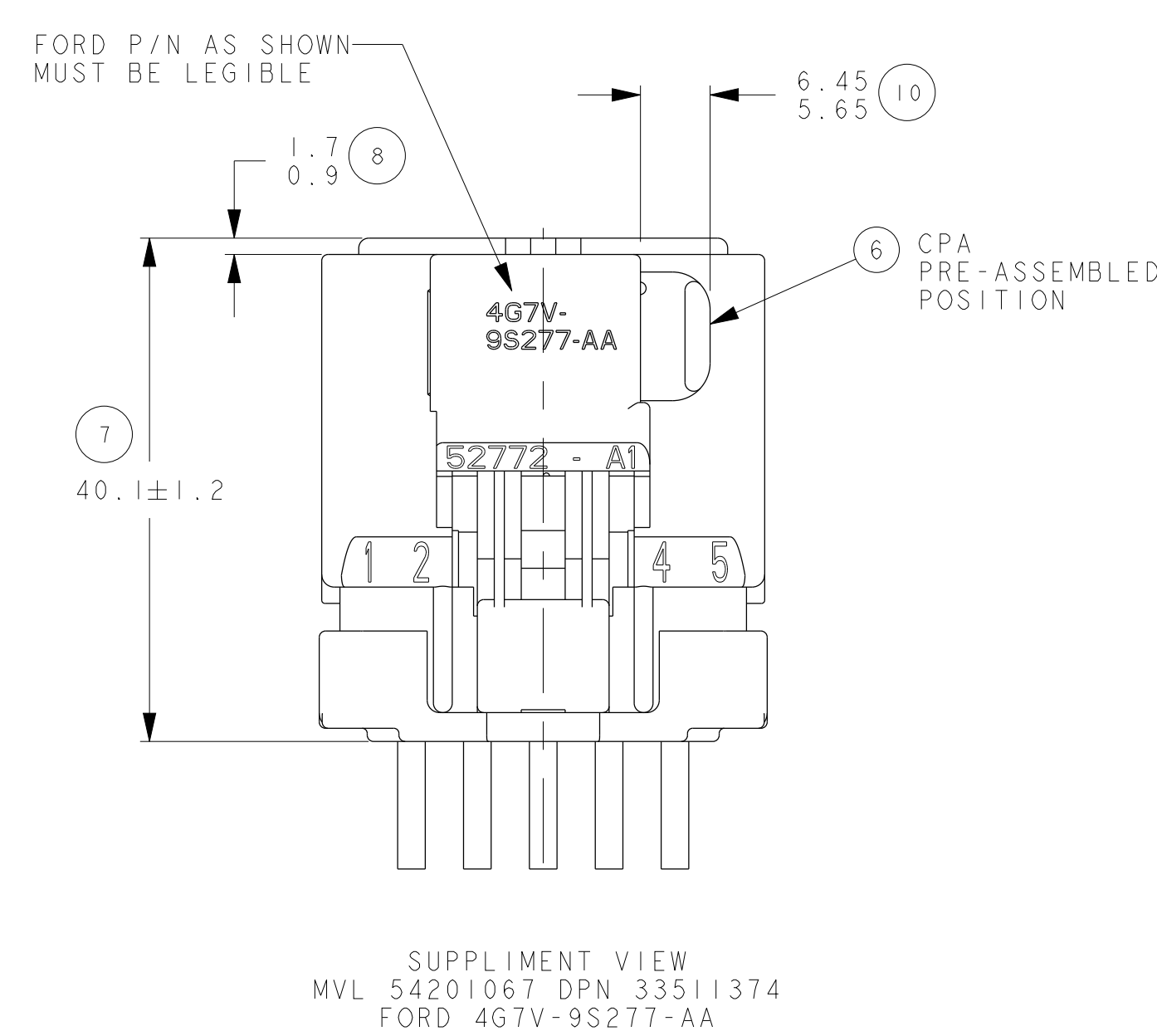
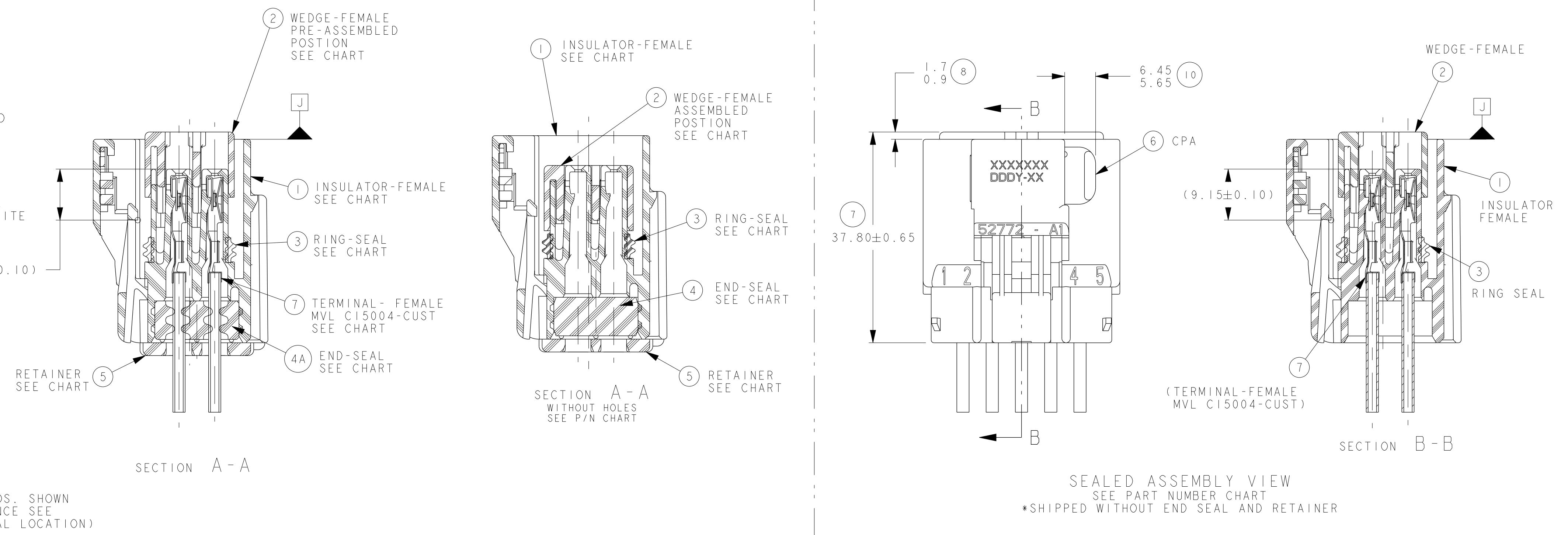
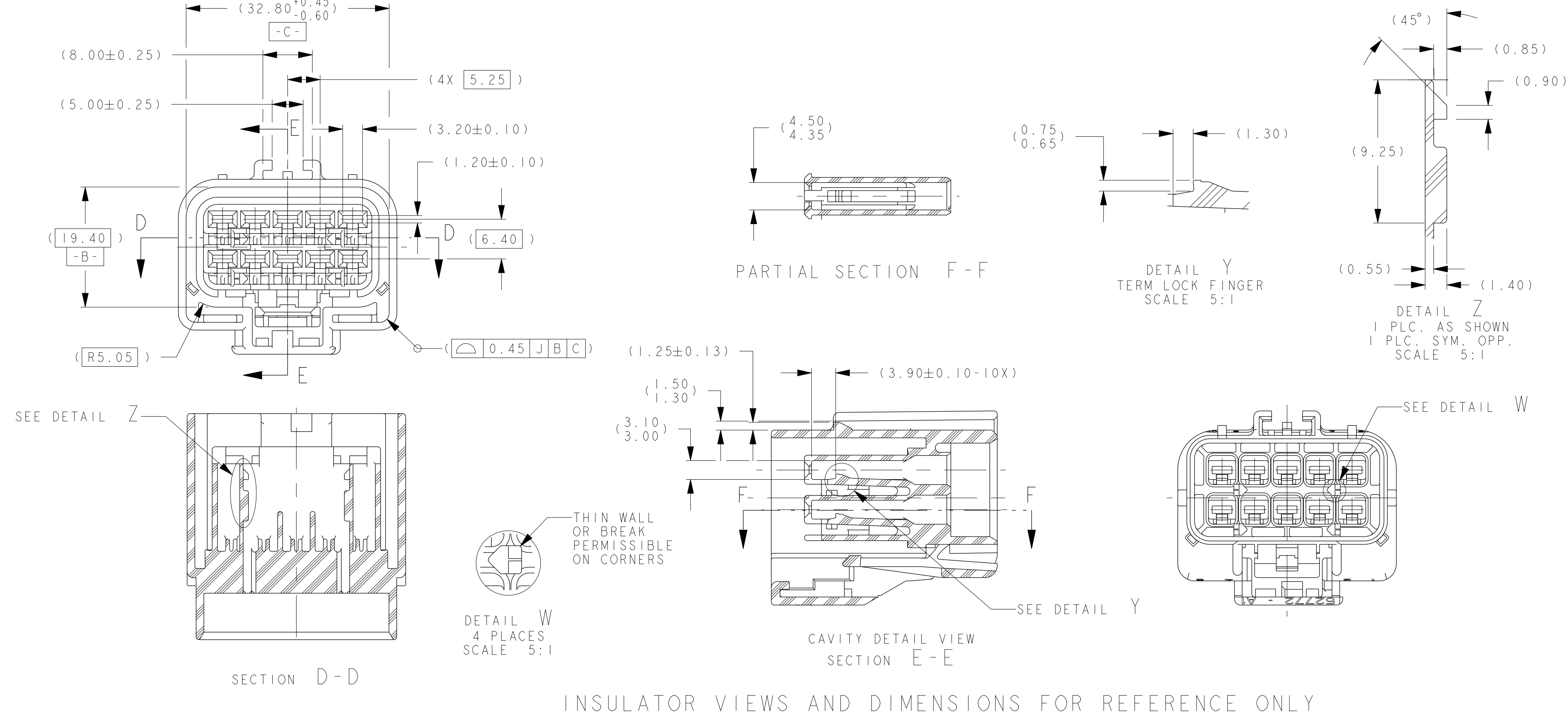
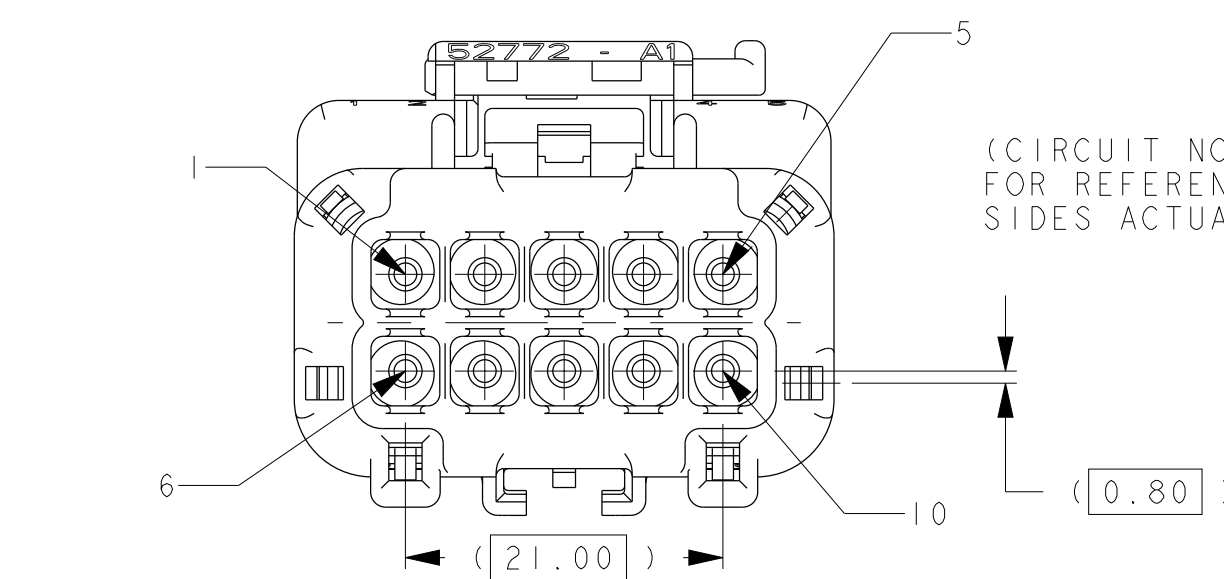




MATING PART NUMBER CHART										
G	LT BRN	SEALED	54201043N	33511361	N/A	N/A	54201042	33500119	N/A	N/A
		SEALED	54201043	1361481	C 04868049AA	N/A	54201042	33500119	C 04868047AA	N/A
		SEALED	*54201063	15537706	N/A	N/A	DIRECT CONNECT APPLICATION INDEX G			
		SEALED	*54201065N	33511365	N/A	N/A	DIRECT CONNECT 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	13686711	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	PART NO.	REV.	DELPHI PART NO.	REV.	CUSTOMER P/N	WVL	PART NO.	REV.	DELPHI PART NO.	REV.	CUSTOMER P/N
5420.001N	3351	3368	0			5420.001N	3351	3368	0		
5420.002N	3351	3349	0			5420.002N	3351	3349	0		
5420.004N	3351	3351	0			5420.004N	3351	3351	0		
5420.005N	3351	3352	0			5420.005N	3351	3352	0		
5420.010N	3359	4268	0		C 04661900	5420.010N	3359	4268	0	C 04661900	1283-4606-30
5420.011N	3350	4111	0		C 04661902	5420.011N	3350	4111	0	C 04661902	1283-4607-60
5420.012N	3350	4111	0		C 04661903	5420.012N	3350	4111	0	C 04661903	1283-4807-50
5420.023N	3353	3351	0		C 04661904	5420.023N	3353	3351	0	C 04661904	1283-4808-60
5420.024N	3353	3352	0		C 04661905	5420.024N	3353	3352	0	C 04661905	1283-4809-60
5420.025N	3353	3353	0		C 04661906	5420.025N	3353	3353	0	C 04661906	1283-4810-30
5420.026N	3353	3354	0		C 04661907	5420.026N	3353	3354	0	C 04661907	1283-4811-30
5420.027N	3353	3355	0		C 04661908	5420.027N	3353	3355	0	C 04661908	1283-4812-30
5420.028N	3353	3355	0		C 04661909	5420.028N	3353	3355	0	C 04661909	1283-4813-30
5420.029N	3353	3356	0		C 04661910	5420.029N	3353	3356	0	C 04661910	1283-4814-30
5420.030N	3353	3357	0		C 04661911	5420.030N	3353	3357	0	C 04661911	1283-4815-30
5420.031N	3353	3358	0		C 04661912	5420.031N	3353	3358	0	C 04661912	1283-4816-30
5420.032N	3353	3359	0		C 04661913	5420.032N	3353	3359	0	C 04661913	1283-4817-30
5420.033N	3353	3360	0		C 04661914	5420.033N	3353	3360	0	C 04661914	1283-4818-30
5420.034N	3353	3361	0		C 04661915	5420.034N	3353	3361	0	C 04661915	1283-4819-30
5420.035N	3353	3362	0		C 04661916	5420.035N	3353	3362	0	C 04661916	1283-4820-30
5420.036N	3353	3363	0		C 04661917	5420.036N	3353	3363	0	C 04661917	1283-4821-30
5420.037N	3353	3364	0		C 04661918	5420.037N	3353	3364	0	C 04661918	1283-4822-30
5420.038N	3353	3365	0		C 04661919	5420.038N	3353	3365	0	C 04661919	1283-4823-30
5420.039N	3353	3366	0		C 04661920	5420.039N	3353	3366	0	C 04661920	1283-4824-30
5420.040N	3353	3367	0		C 04661921	5420.040N	3353	3367	0	C 04661921	1283-4825-30
5420.041N	3353	3368	0		C 04661922	5420.041N	3353	3368	0	C 04661922	1283-4826-30
5420.042N	3353	3369	0		C 04661923	5420.042N	3353	3369	0	C 04661923	1283-4827-30
5420.043N	3353	3370	0		C 04661924	5420.043N	3353	3370	0	C 04661924	1283-4828-30
5420.044N	3353	3371	0		C 04661925	5420.044N	3353	3371	0	C 04661925	1283-4829-30
5420.045N	3353	3372	0		C 04661926	5420.045N	3353	3372	0	C 04661926	1283-4830-30
5420.046N	3353	3373	0		C 04661927	5420.046N	3353	3373	0	C 04661927	1283-4831-30
5420.047N	3353	3374	0		C 04661928	5420.047N	3353	3374	0	C 04661928	1283-4832-30
5420.048N	3353	3375	0		C 04661929	5420.048N	3353	3375	0	C 04661929	1283-4833-30
5420.049N	3353	3376	0		C 04661930	5420.049N	3353	3376	0	C 04661930	1283-4834-30
5420.050N	3353	3377	0		C 04661931	5420.050N	3353	3377	0	C 04661931	1283-4835-30
5420.051N	3353	3378	0		C 04661932	5420.051N	3353	3378	0	C 04661932	1283-4836-30
5420.052N	3353	3379	0		C 04661933	5420.052N	3353	3379	0	C 04661933	1283-4837-30
5420.053N	3353	3380	0		C 04661934	5420.053N	3353	3380	0	C 04661934	1283-4838-30
5420.054N	3353	3381	0		C 04661935	5420.054N	3353	3381	0	C 04661935	1283-4839-30
5420.055N	3353	3382	0		C 04661936	5420.055N	3353	3382	0	C 04661936	1283-4840-30
5420.056N	3353	3383	0		C 04661937	5420.056N	3353	3383	0	C 04661937	1283-4841-30
5420.057N	3353	3384	0		C 04661938	5420.057N	3353	3384	0	C 04661938	1283-4842-30
5420.058N	3353	3385	0		C 04661939	5420.058N	3353	3385	0	C 04661939	1283-4843-30
5420.059N	3353	3386	0		C 04661940	5420.059N	3353	3386	0	C 04661940	1283-4844-30
5420.060N	3353	3387	0		C 04661941	5420.060N	3353	3387	0	C 04661941	1283-4845-30
5420.061N	3353	3388	0		C 04661942	5420.061N	3353	3388	0	C 04661942	1283-4846-30
5420.062N	3353	3389	0		C 04661943	5420.062N	3353	3389	0	C 04661943	1283-4847-30
5420.063N	3353	3390	0		C 04661944	5420.063N	3353	3390	0	C 04661944	1283-4848-30
5420.064N	3353	3391	0		C 04661945	5420.064N	3353	3391	0	C 04661945	1283-4849-30
5420.065N	3353	3392	0		C 04661946	5420.065N	3353	3392	0	C 04661946	1283-4850-30
5420.066N	3353	3393	0		C 04661947	5420.066N	3353	3393	0	C 04661947	1283-4851-30
5420.067N	3353	3394	0		C 04661948	5420.067N	3353	3394	0	C 04661948	1283-4852-30
5420.068N	3353	3395	0		C 04661949	5420.068N	3353	3395	0	C 04661949	1283-4853-30
5420.069N	3353	3396	0		C 04661950	5420.069N	3353	3396	0	C 04661950	1283-4854-30
5420.070N	3353	3397	0		C 04661951	5420.070N	3353	3397	0	C 04661951	1283-4855-30
5420.071N	3353	3398	0		C 04661952	5420.071N	3353	3398	0	C 04661952	1283-4856-30
5420.072N	3353	3399	0		C 04661953	5420.072N	3353	3399	0	C 04661953	1283-4857-30
5420.073N	3353	3400	0		C 04661954	5420.073N	3353	3400	0	C 04661954	1283-4858-30
5420.074N	3353	3401	0		C 04661955	5420.074N	3353	3401	0	C 04661955	1283-4859-30
5420.075N	3353	3402	0		C 04661956	5420.075N	3353	3402	0	C 04661956	1283-4860-30
5420.076N	3353	3403	0		C 04661957	5420.076N	3353	3403	0	C 04661957	1283-4861-30
5420.077N	3353	3404	0		C 04661958	5420.077N	3353	3404	0	C 04661958	1283-4862-30
5420.078N	3353	3405	0		C 04661959	5420.078N	3353	3405	0	C 04661959	1283-4863-30
5420.079N	3353	3406	0		C 04661960	5420.079N	3353	3406	0	C 04661960	1283-4864-30
5420.080N	3353	3407	0		C 04661961	5420.080N	3353	3407	0	C 04661961	1283-4865-30
5420.081N	3353	3408	0		C 04661962	5420.081N	3353	3408	0	C 04661962	1283-4866-30
5420.082N	3353	3409	0		C 04661963	5420.082N	3353	3409	0	C 04661963	1283-4867-30
5420.083N	3353	3410	0		C 04661964	5420.083N	3353	3410	0	C 04661964	1283-4868-30
5420.084N	3353	3411	0		C 04661965	5420.084N	3353	3411	0	C 04661965	1283-4869-30
5420.085N	3353	3412	0		C 04661966	5420.085N	3353	3412	0	C 04661966	1283-4870-30
5420.086N	3353	3413	0		C 04661967	5420.086N	3353	3413	0	C 04661967	1283-4871-30
5420.087N	3353	3414	0		C 04661968	5420.087N	3353	3414	0	C 04661968	1283-4872-30
5420.088N	3353	3415	0		C 04661969	5420.088N	3353	3415	0	C 04661969	1283-4873-30
5420.089N	3353	3416	0		C 04661970	5420.089N	3353	3416	0	C 04661970	1283-4874-30
5420.090N	3353	3417	0		C 04661971	5420.090N	3353	3417	0	C 04661971	1283-4875-30
5420.091N	3353	3418	0		C 04661972	5420.091N	3353	3418	0	C 04661972	1283-4876-30
5420.092N	3353	3419	0		C 04661973	5420.092N	3353	3419	0	C 04661973	1283-4877-30
5420.093N	3353	3420	0		C 04661974	5420.093N	3353	3420	0	C 04661974	1283-4878-30
5420.094N	3353	3421	0		C 04661975	5420.094N	3353	3421	0	C 04661975	1283-4879-30
5420.095N	3353	3422	0		C 04661976	5420.095N	3353	3422	0	C 04661976	1283-4880-30
5420.096N	3353	3423	0		C 04661977	5420.096N	3353	3423	0	C 04661977	1283-4881-30
5420.097N	3353	3424	0		C 04661978	5420.097N	3353	3424	0	C 04661978	1283-4882-30
5420.098N	3353	3425	0		C 04661979	5420.098N	3353	3425	0	C 04661979	1283-4883-30
5420.099N	3353	3426	0		C 04661980	5420.099N	3353	3426	0	C 04661980	1283-4884-30
5420.100N	3353	3427	0		C 04661981	5420.100N	3353	3427	0	C 04661981	1283-4885-30
5420.101N	3353	3428	0		C 04661982	5420.101N	3353	3428	0	C 04661982	1283-4886-30
5420.102N	3353	3429	0		C 04661983	5420.102N	3353	3429	0	C 04661983	1283-4887-30
5420.103N	3353	3430	0		C 04661984	5420.103N	3353	3430	0	C 04661984	1283-4888-30
5420.104N	3353	3431	0		C 04661985	5420.104N	3353	3431	0	C 04661985	1283-4889-30
5420.105N	3353	3432	0		C 04661986	5420.105N	3353	3432	0	C 04661986	1283-4890-30
5420.106N	3353	3433	0		C 04661987	5420.106N	3353	3433	0	C 04661987	1283-4891-30
5420.107N	3353	3434	0		C 04661988	5420.107N	3353	3434	0	C 04661988	1283-4892-30
5420.108N	3353	3435	0		C 04661989	5420.108N	3353	3435	0	C 04661989	1283-4893-30
5420.109N	3353	3436	0		C 04661990	5420.109N	3353	3436	0	C 04661990	1283-4894-30
5420.110N											

ITEM	(CHRYSLER)	MVL	DELPHI	PART NAME - COLOR	MATERIAL
(1)	04687756	52401026	5537342	INSULATOR - FEMALE INDEX A; BLK	PA66 GF
(1)	04687957	52401027	5537343	INSULATOR - FEMALE INDEX B; LT GRN	PA66 GF
(1)	04687958	52401028	5537344	INSULATOR - FEMALE INDEX C; LT GRN	PA66 GF
(1)	04801111	52401029	5537345	INSULATOR - FEMALE INDEX D; DK GREY	PA66 GF
(1)	04687959	52401030	5537301	INSULATOR - FEMALE INDEX D; ORG	PA66 GF
(1)	04687960	52401031	5537304	INSULATOR - FEMALE INDEX E; DK GRN	PA66 GF
(1)	04687962	52401032	5537307	INSULATOR - FEMALE INDEX F; AQUA	PA66 GF
(1)	046860486A	52401033	5537309	INSULATOR - FEMALE INDEX G; LT BROWN	PA66 GF
(2)	04687714	52401019	5537339	WEDGE FEMALE; ROYAL BLUE	PA66 GF
(2)	04687736	52401049	5537328	RING SEAL; RED	SILICONE
(2)	04687737	52401050	5537335	END SEAL; DK BLUE (INS. RANGE 0.1 - 0.4 0.09)	SILICONE
(2)	N/A	7155909	TBD	END SEAL; WHITE (INS. RANGE 0.1 - 0.3 0.70)	SILICONE
(2)	N/A	52401052	5537330	END SEAL; BRIGHT YELLOW (NO HOLES)	SILICONE
(2)	04687750	52401021	5537341	RETAINER; BLACK	PA66 GF
(2)	04687739	52400003	5537297	CPA LATCH; RED	PA66 GF

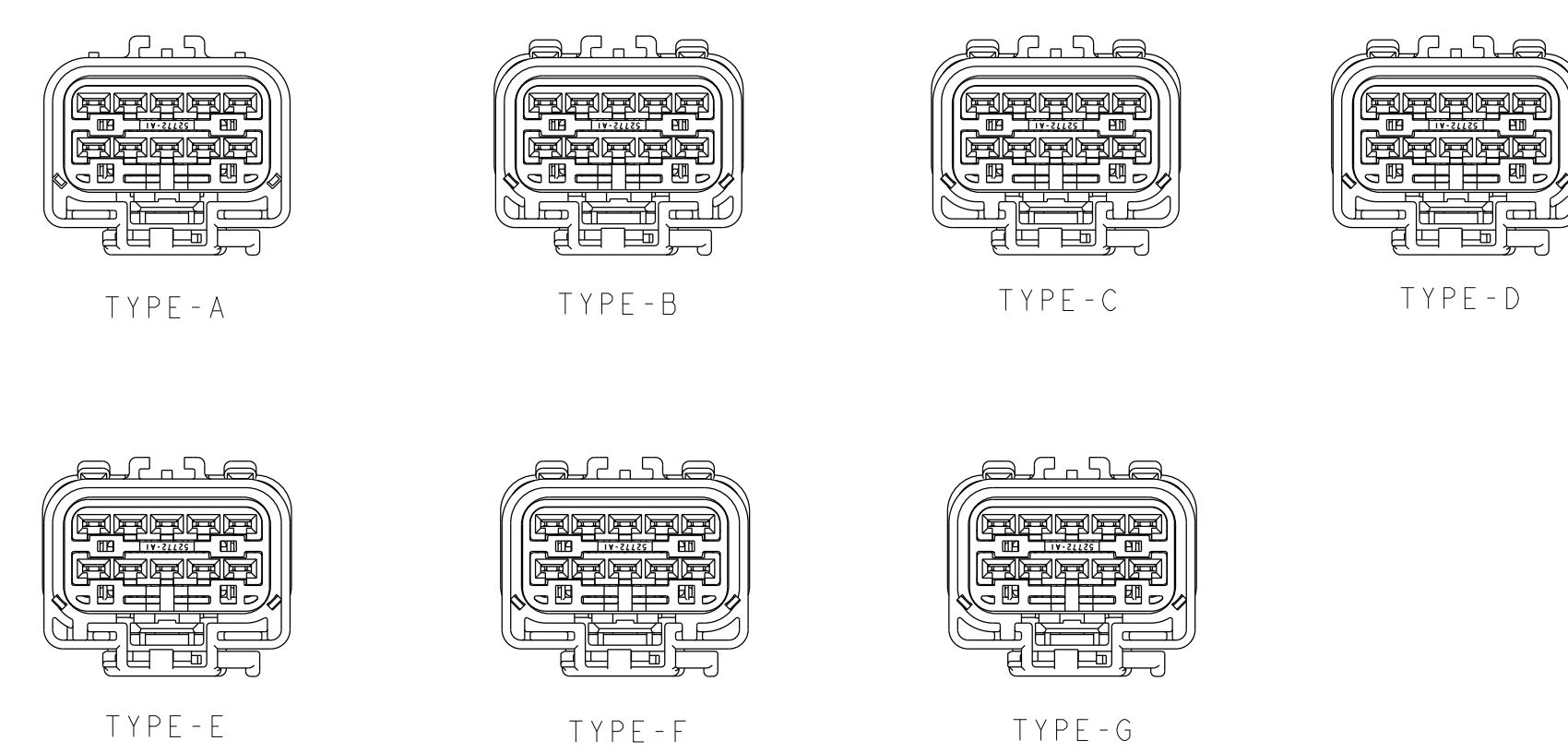
CONNECTOR ASSEMBLY TEMPERATURE CLASS PER SAE/USCAR-2 REV 5

PART CHANGE LEVEL (PCL)

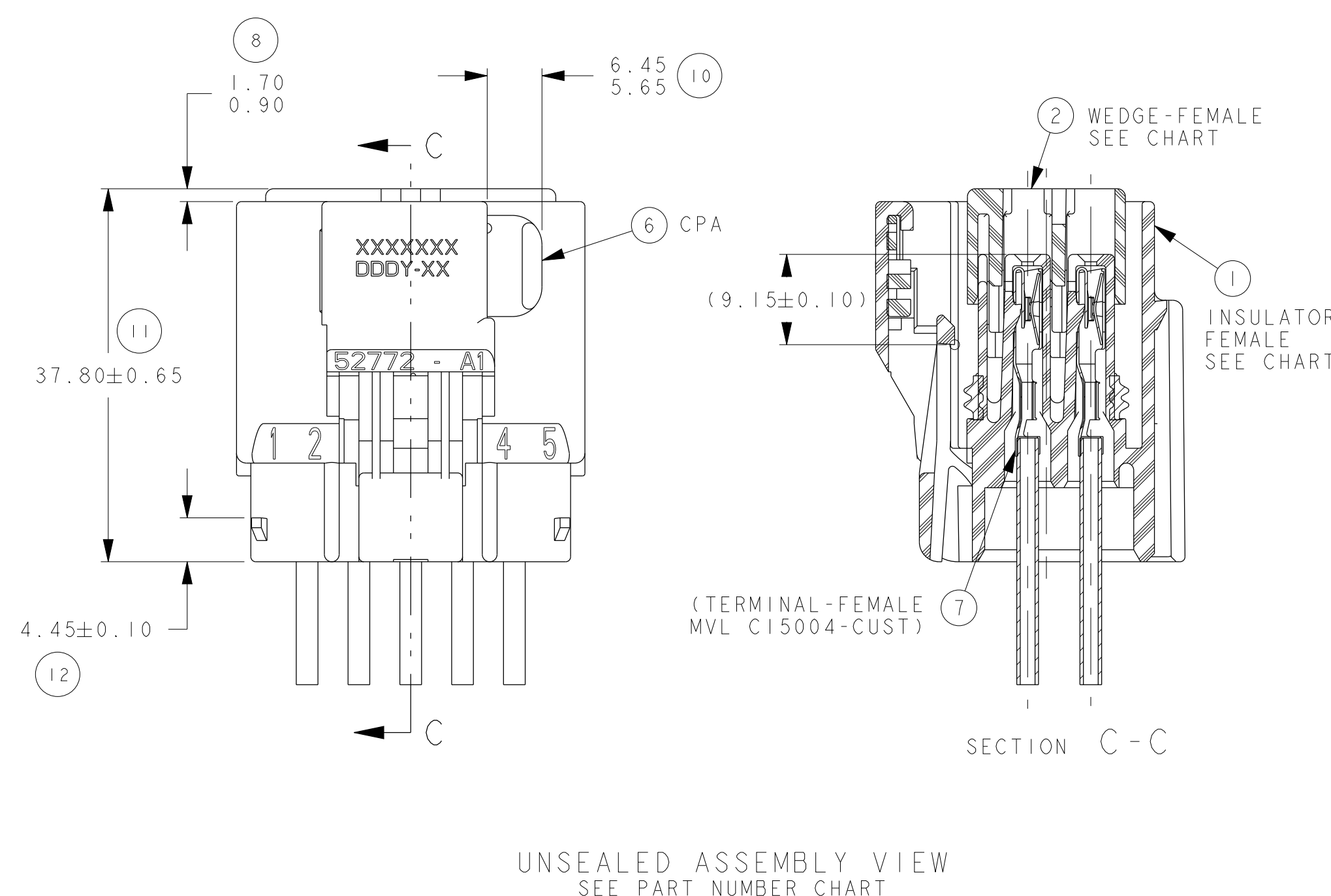
*END SEAL MVL P/N 52401050 OR F755909 OR DELPHI P/N 52401021 OR HINGE TYPE PROVIDED LOOSE PIECE AND INSTALLED AT HARNESS ASSEMBLY. SEE HARNESS ASSEMBLY DRAWING FOR END SEAL AND RETAINER (STANDARD OR HINGE TYPE) PART NUMBERS

*END SEAL MVL P/N 4201050 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



POLARIZATION OPTIONS
FULL SIZE
SHOWN WITH CPA



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
SEAL 02 THIN WALL INSULATION 10 AWG TO 10AWM (INSULATION Ø1.70
TO Ø4.09) ISO THIN WALL EQUIVALENTS PERMISSIBLE
- 5A P/WN WITH C759000 END SEAL MUST BE USED WITH WIRE INSULATION
RANGE FROM Ø1.90 MIN TO Ø3.70 MAX (18AWG TO 12AWG OR
1mm² TO 4mm² ISO THIN WALL)
- 6 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 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)
- 7 USE WITH FOLLOWING APPLICABLE COMPONENTS AS NEEDED
CAVITY PLUS MVL P/N 54200005.DPN 15316894
DOUBLE X-MAS TREE CLIP CHRYSLER P/N 04707091
S 2MM APC FEMALE TERMINAL IS SYMMETRICAL ABOUT CENTER LINE
AND IT CAN BE INSERTED 180° INTO TERMINAL CAVITY
- 8 DIRECT CONNECT DRAWING NO. MVL G36010 (CHRYSLER 04707028)
- 9 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
- 10 SUPPLIER, MOLD & CAVITY I.D. SIGNIFIES TOOL OWNERSHIP,
FOR REFERENCE

- 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 STANDARDS:
SAE/JUSCAR-2 REV 5 FOR LATCH PERFORMANCE & AUDIBILITY
SAE/JUSCAR-2 REV 5 FOR LATCH AS NOISE ABOVE
PS-1300 QUALITY ASSURANCE (CHRYSLER) (G-009-3 YNA)
PS-1408 CEK-4 (CHRYSLER) PART I.D. (G-009-2 YNA)
PS-9685 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 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

[illegible]

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Aptiv:](#)

[13641403](#)