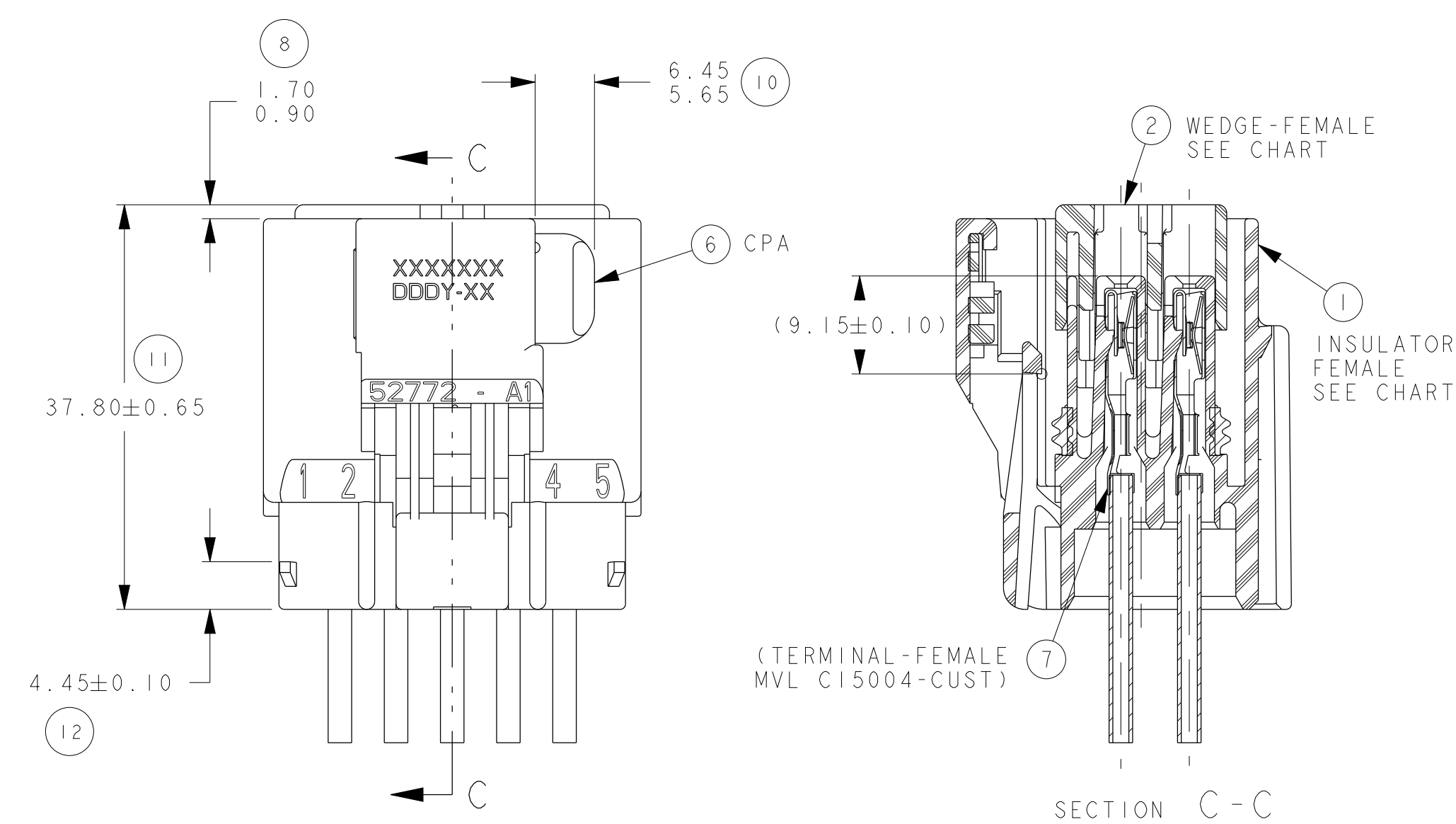
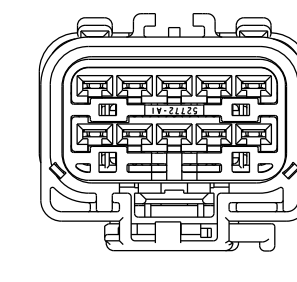
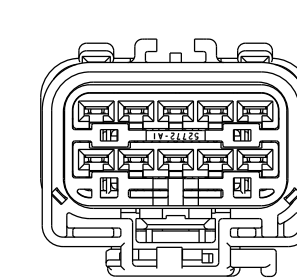
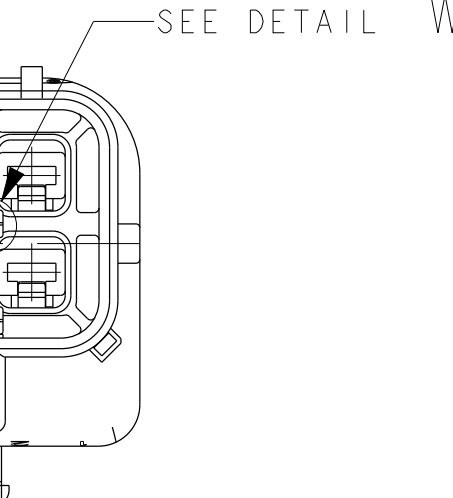
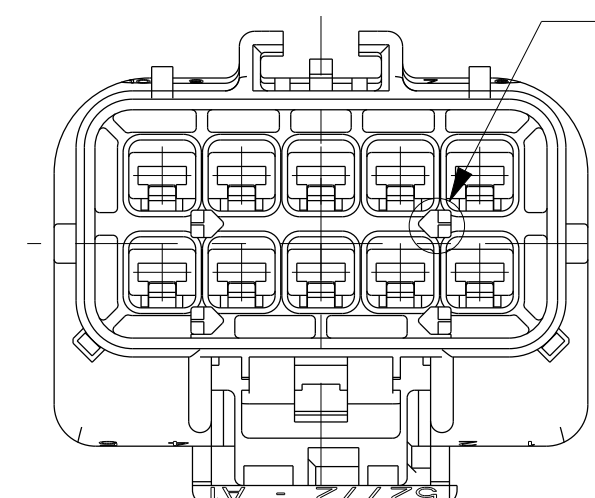
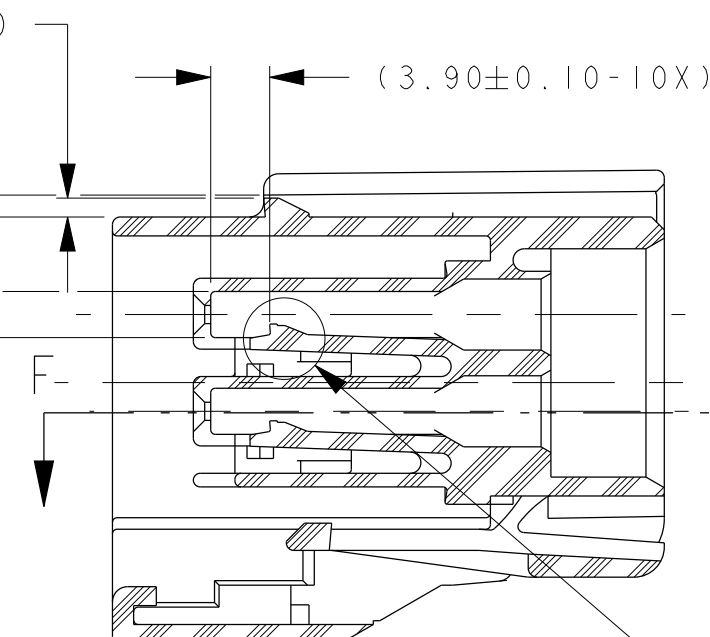
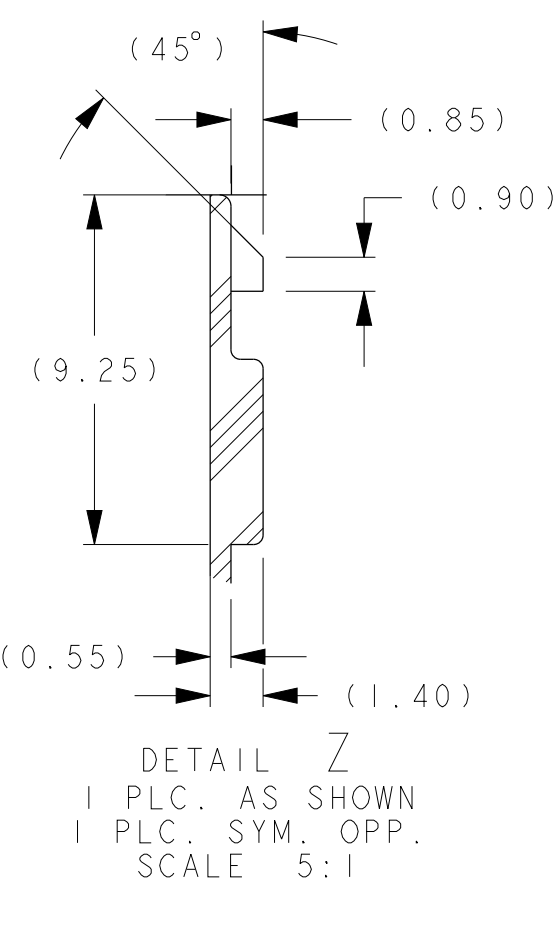
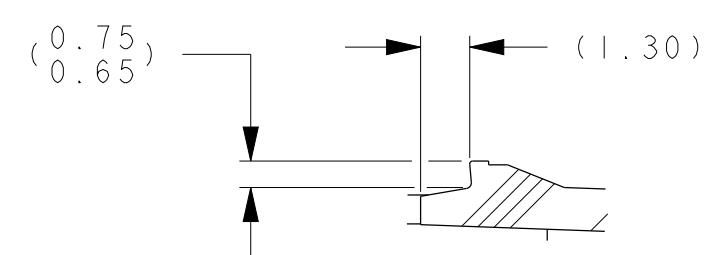
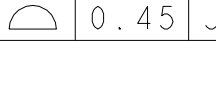
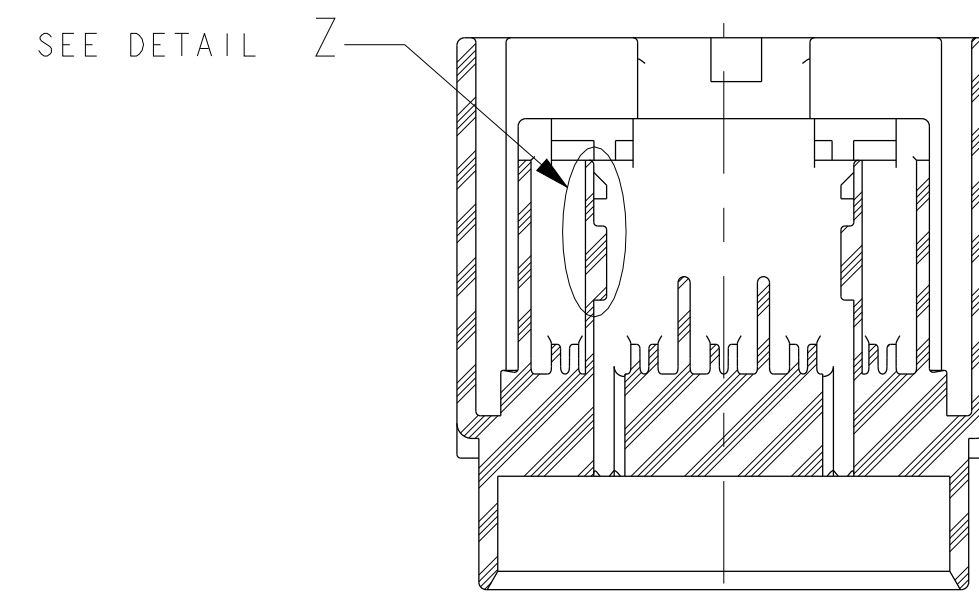
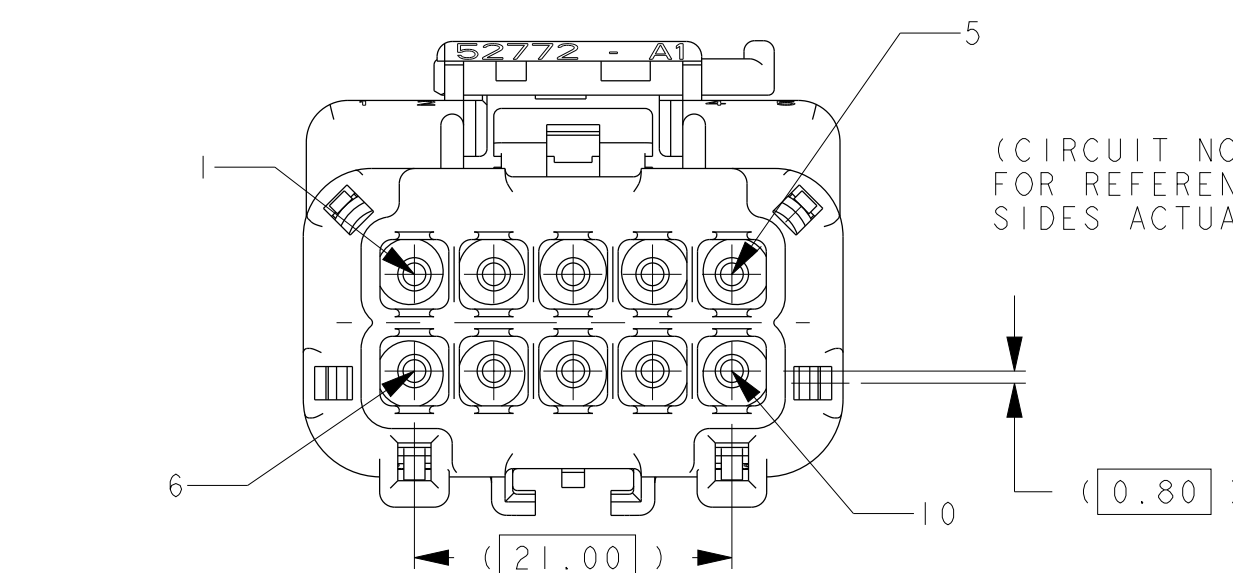
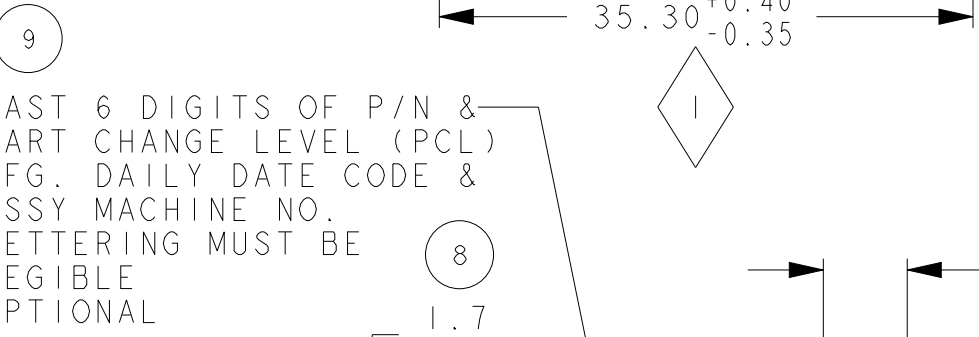
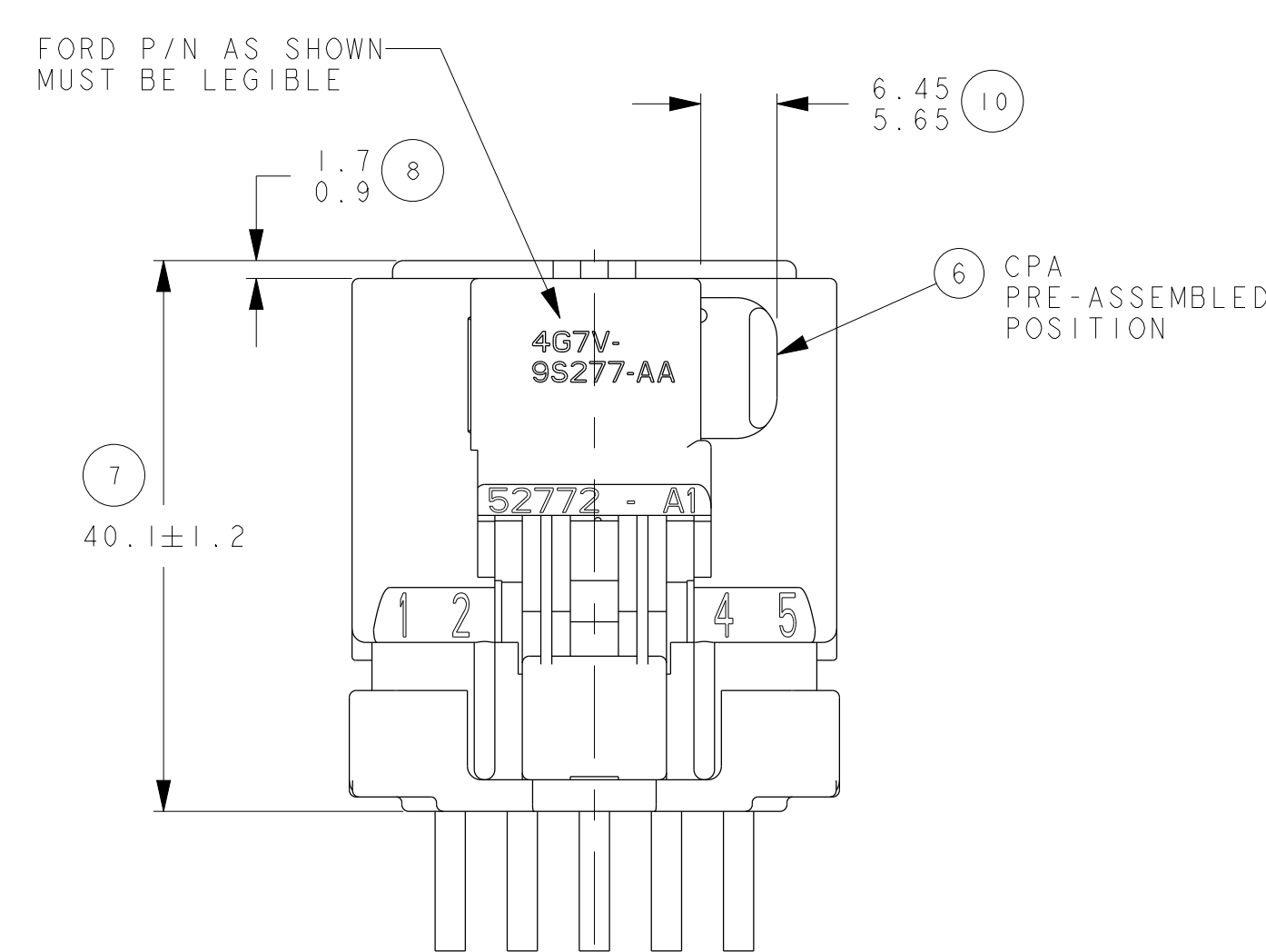




NOTES:

- 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 C75900 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 WIDTH = 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 15316994
DOUBLE X-MAS TREE CLIP CHRYSLER P/N 04707091
S X-MAS TREE CLIP CHRYSLER P/N 04625797
2.8MM APCX 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



MATING PART NUMBER CHART												
INDEX TYPE	COLOR	SEAL/UNSEAL	MVL	DELPHI	CUSTOMER	YNA	FOR REFERENCE ONLY					
							MATING ASSEMBLY PART NUMBERS					
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	
		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						
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							
C	SEALED	F066900	13868780	N/A	N/A							
	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			
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	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						
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		
		SEALED	54201010	13641403	C 04687895	7283-4605-40	54201024	33511344	C 04688875	7282-4605-40		
		SEALED	△F56900	13868771	N/A	N/A						
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		
		SEALED	*54201022N	33511359	C 04707443	7283-4801-30	54201016	15425612	C 04687906	7222-7406-30		
A	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		
		SEALED	54201056N	33511363	N/A	N/A	54201016	15425612	C 04687906	7222-7406-30		
		SEALED	△F56900	13868781	N/A	N/A						
INDEX TYPE	COLOR	SEAL/UNSEAL	MVL	DELPHI	CUSTOMER	YNA	FOR REFERENCE ONLY					
							MATING ASSEMBLY PART NUMBERS					

CHART - ASSEMBLY PART NUMBERS

UNSEALED						SEALED					
W/O CPA			W/CPA			W/CPA			W/O CPA		
CUSTOMER P/N	DELPHI PART NO.	YNA P/N	CUSTOMER P/N	DELPHI PART NO.	YNA P/N	CUSTOMER P/N	DELPHI PART NO.	YNA P/N	CUSTOMER P/N	DELPHI PART NO.	YNA P/N
	5420.001N	3351.336		5420.001N	3351.336		5420.001N	3351.336		5420.001N	3351.336
	5420.002N	3351.339		5420.002N	3351.339		5420.002N	3351.339		5420.002N	3351.339
	5420.003N	3351.341		5420.003N	3351.341		5420.003N	3351.341		5420.003N	3351.341
	5420.004N	3351.343		5420.004N	3351.343		5420.004N	3351.343		5420.004N	3351.343
	5420.005N	3351.352		5420.005N	3351.352		5420.005N	3351.352		5420.005N	3351.352
	5420.010N	3359.268		5420.010N	3359.268		5420.010N	3359.268		5420.010N	3359.268
	5420.011N	3359.271		5420.011N	3359.271		5420.011N	3359.271		5420.011N	3359.271
	5420.012N	3359.271		5420.012N	3359.271		5420.012N	3359.271		5420.012N	3359.271
	5420.013N	3359.271		5420.013N	3359.271		5420.013N	3359.271		5420.013N	3359.271
	5420.014N	3359.271		5420.014N	3359.271		5420.014N	3359.271		5420.014N	3359.271
	5420.015N	3359.271		5420.015N	3359.271		5420.015N	3359.271		5420.015N	3359.271
	5420.016N	3359.271		5420.016N	3359.271		5420.016N	3359.271		5420.016N	3359.271
	5420.017N	3359.271		5420.017N	3359.271		5420.017N	3359.271		5420.017N	3359.271
	5420.018N	3359.271		5420.018N	3359.271		5420.018N	3359.271		5420.018N	3359.271
	5420.019N	3359.271		5420.019N	3359.271		5420.019N	3359.271		5420.019N	3359.271
	5420.020N	3359.271		5420.020N	3359.271		5420.020N	3359.271		5420.020N	3359.271
	5420.021N	3359.271		5420.021N	3359.271		5420.021N	3359.271		5420.021N	3359.271
	5420.022N	3359.271		5420.022N	3359.271		5420.022N	3359.271		5420.022N	3359.271
	5420.023N	3359.271		5420.023N	3359.271		5420.023N	3359.271		5420.023N	3359.271
	5420.024N	3359.271		5420.024N	3359.271		5420.024N	3359.271		5420.024N	3359.271
	5420.025N	3359.271		5420.025N	3359.271		5420.025N	3359.271		5420.025N	3359.271
	5420.026N	3359.271		5420.026N	3359.271		5420.026N	3359.271		5420.026N	3359.271
	5420.027N	3359.271		5420.027N	3359.271		5420.027N	3359.271		5420.027N	3359.271
	5420.028N	3359.271		5420.028N	3359.271		5420.028N	3359.271		5420.028N	3359.271
	5420.029N	3359.271		5420.029N	3359.271		5420.029N	3359.271		5420.029N	3359.271
	5420.030N	3359.271		5420.030N	3359.271		5420.030N	3359.271		5420.030N	3359.271
	5420.031N	3359.271		5420.031N	3359.271		5420.031N	3359.271		5420.031N	3359.271
	5420.032N	3359.271		5420.032N	3359.271		5420.032N	3359.271		5420.032N	3359.271
	5420.033N	3359.271		5420.033N	3359.271		5420.033N	3359.271		5420.033N	3359.271
	5420.034N	3359.271		5420.034N	3359.271		5420.034N	3359.271		5420.034N	3359.271
	5420.035N	3359.271		5420.035N	3359.271		5420.035N	3359.271		5420.035N	3359.271
	5420.036N	3359.271		5420.036N	3359.271		5420.036N	3359.271		5420.036N	3359.271
	5420.037N	3359.271		5420.037N	3359.271		5420.037N	3359.271		5420.037N	3359.271
	5420.038N	3359.271		5420.038N	3359.271		5420.038N	3359.271		5420.038N	3359.271
	5420.039N	3359.271		5420.039N	3359.271		5420.039N	3359.271		5420.039N	3359.271
	5420.040N	3359.271		5420.040N	3359.271		5420.040N	3359.271		5420.040N	3359.271
	5420.041N	3359.271		5420.041N	3359.271		5420.041N	3359.271		5420.041N	3359.271
	5420.042N	3359.271		5420.042N	3359.271		5420.042N	3359.271		5420.042N	3359.271
	5420.043N	3359.271		5420.043N	3359.271		5420.043N	3359.271		5420.043N	3359.271
	5420.044N	3359.271		5420.044N	3359.271		5420.044N	3359.271		5420.044N	3359.271
	5420.045N	3359.271		5420.045N	3359.271		5420.045N	3359.271		5420.045N	3359.271
	5420.046N	3359.271		5420.046N	3359.271		5420.046N	3359.271		5420.046N	3359.271
	5420.047N	3359.271		5420.047N	3359.271		5420.047N	3359.271		5420.047N	3359.271
	5420.048N	3359.271		5420.048N	3359.271		5420.048N	3359.271		5420.048N	3359.271
	5420.049N	3359.271		5420.049N	3359.271		5420.049N	3359.271		5420.049N	3359.271
	5420.050N	3359.271		5420.050N	3359.271		5420.050N	3359.271		5420.050N	3359.271
	5420.051N	3359.271		5420.051N	3359.271		5420.051N	3359.271		5420.051N	3359.271
	5420.052N	3359.271		5420.052N	3359.271		5420.052N	3359.271		5420.052N	3359.271
	5420.053N	3359.271		5420.053N	3359.271		5420.053N	3359.271		5420.053N	3359.271
	5420.054N	3359.271		5420.054N	3359.271		5420.054N	3359.271		5420.054N	3359.271
	5420.055N	3359.271		5420.055N	3359.271		5420.055N	3359.271		5420.055N	3359.271
	5420.056N	3359.271		5420.056N	3359.271		5420.056N	3359.271		5420.056N	3359.271
	5420.057N	3359.271		5420.057N	3359.271		5420.057N	3359.271		5420.057N	3359.271
	5420.058N	3359.271		5420.058N	3359.271		5420.058N	3359.271		5420.058N	3359.271
	5420.059N	3359.271		5420.059N	3359.271		5420.059N	3359.271		5420.059N	3359.271
	5420.060N	3359.271		5420.060N	3359.271		5420.060N	3359.271		5420.060N	3359.271
	5420.061N	3359.271		5420.061N	3359.271		5420.061N	3359.271		5420.061N	3359.271
	5420.062N	3359.271		5420.062N	3359.271		5420.062N	3359.271		5420.062N	3359.271
	5420.063N	3359.271		5420.063N	3359.271		5420.063N	3359.271		5420.063N	3359.271
	5420.064N	3359.271		5420.064N	3359.271		5420.064N	3359.271		5420.064N	3359.271
	5420.065N	3359.271		5420.065N	3359.271		5420.065N	3359.271		5420.065N	3359.271
	5420.066N	3359.271		5420.066N	3359.271		5420.066N	3359.271		5420.066N	3359.271
	5420.067N	3359.271		5420.067N	3359.271		5420.067N	3359.271		5420.067N	3359.271
	5420.068N	3359.271		5420.068N	3359.271		5420.068N	3359.271		5420.068N	3359.271
	5420.069N	3359.271		5420.069N	3359.271		5420.069N	3359.271		5420.069N	3359.271
	5420.070N	3359.271		5420.070N	3359.271		5420.070N	3359.271		5420.070N	3359.271
	5420.071N	3359.271		5420.071N	3359.271		5420.071N	3359.271		5420.071N	3359.271
	5420.072N	3359.271		5420.072N	3359.271		5420.072N	3359.271		5420.072N	3359.271
	5420.073N	3359.271		5420.073N	3359.271		5420.073N	3359.271		5420.073N	3359.271
	5420.074N	3359.271		5420.074N	3359.271		5420.074N	3359.271		5420.074N	3359.271
	5420.075N	3359.271		5420.075N	3359.271		5420.075N	3359.271		5420.075N	3359.271
	5420.076N	3359.271		5420.076N	3359.271		5420.076N	3359.271		5420.076N	3359.271
	5420.077N	3359.271		5420.077N	3359.271		5420.077N	3359.271		5420.077N	3359.271
	5420.078N	3359.271		5420.078N	3359.271		5420.078N	3359.271		5420.078N	3359.271
	5420.079N	3359.271		5420.079N	3359.271		5420.079N	3359.271		5420.079N	3359.271
	5420.080N	3359.271		5420.080N	3359.271		5420.080N	3359.271		5420.080N	3359.271
	5420.081N	3359.271		5420.081N	3359.271		5420.081N	3359.271		5420.081N	3359.271
	5420.082N	3359.271		5420.082N	3359.271		5420.082N	3359.271		5420.082N	3359.271
	5420.083N	3359.271		5420.083N	3359.271		5420.083N	3359.271		5420.083N	3359.271
	5420.084N	3359.271		5420.084N	3359.271		5420.084N	3359.271		5420.084N	3359.271
	5420.085N	3359.271		5420.085N	3359.271		5420.085N	3359.271		5420.085N	3359.271
	5420.086N	3359.271		5420.086N	3359.271		5420.086N	3359.271		5420.086N	3359.271
	5420.087N	3359.271		5420.087N	3359.271		5420.087N	3359.271		5420.087N	3359.271
	5420.088N	3359.271		5420.088N	3359.271		5420.088N	3359.271		5420.088N	3359.271
	5420.089N	3359.271		5420.089N	3359.271		5420.089N	3359.271		5420.089N	3359.271
	5420.090N	3359.271		5420.090N	3359.271		5420.090N	3359.271		5420.090N	3359.271
	5420.091N	3359.271		5420.091N	3359.271		5420.091N	3359.271		5420.091N	3359.271
	5420.092N	3359.271		5420.092N	3359.271		5420.092N	3359.271		5420.092N	3359.271
	5420.093N	3359.271		5420.093N	3359.271		5420.093N	3359.271		5420.093N	3359.271
	5420.094N	3359.271		5420.094N	3359.271		5420.094N	3359.271		5420.094N	3359.271
	5420.095N	3359.271		5420.095N	3359.271		5420.095N	3359.271		5420.095N	3359.271
	5420.096N	3359.271		5420.096N	3359.271		5420.096N	3359.271			

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 C; DK GREY	PA66 GF
(1)	04878959	52401030	5537301	INSULATOR - FEMALE INDEX D; ORG	PA66 GF
(1)	04878960	52401031	5537304	INSULATOR - FEMALE INDEX E; DK GRN	PA66 GF
(1)	04878962	52401032	5537307	INSULATOR - FEMALE INDEX F; AQUA	PA66 GF
(1)	04868048A	52401033	5537309	INSULATOR - FEMALE INDEX G; LT BROWN	PA66 GF
(2)	04877741	52401019	5537339	WEDGE FEMALE; ROYAL BLUE	PA66 GF
(3)	04877736	52401049	5537328	RING SEAL; RED	SILICONE
(4)	04687963	52401050	13679355	END SEAL; DK BLUE (INS. RANGE 0.170 - 0.409)	SILICONE
(4)	N/A	C755900	TBD	END SEAL; WHITE (INS. RANGE 0.190 - 0.370)	SILICONE
(4)	N/A	52401052	5537330	END SEAL; BRIGHT YELLOW (NO HOLES)	SILICONE
(5)	04877750	52401021	5537334	RETAINER; BLACK	PA66 GF
(6)	04877739	52400003	5537297	PCA 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

[illegible]

Mouser Electronics

Authorized Distributor

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

[Aptiv:](#)

[13576036](#)