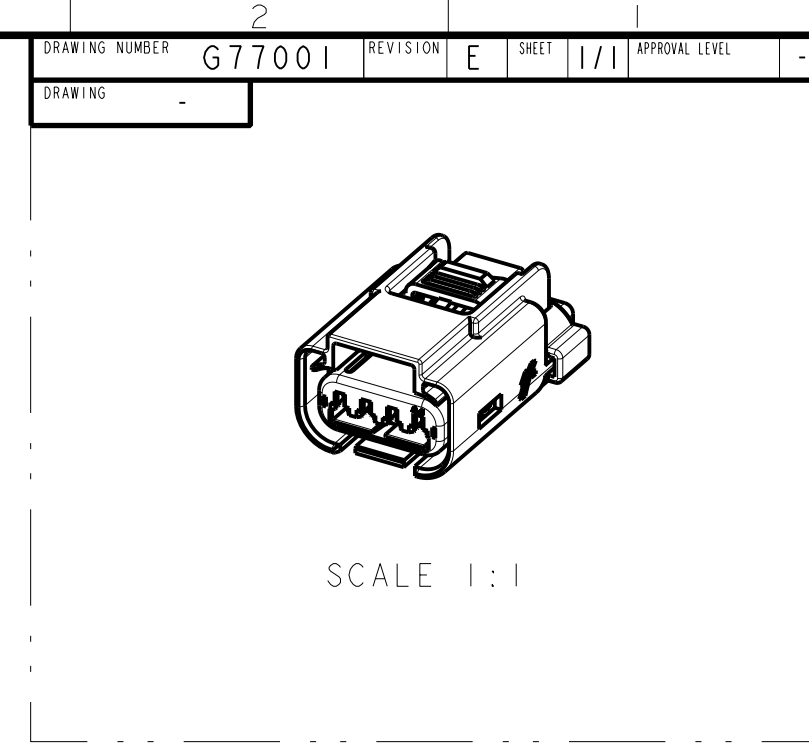
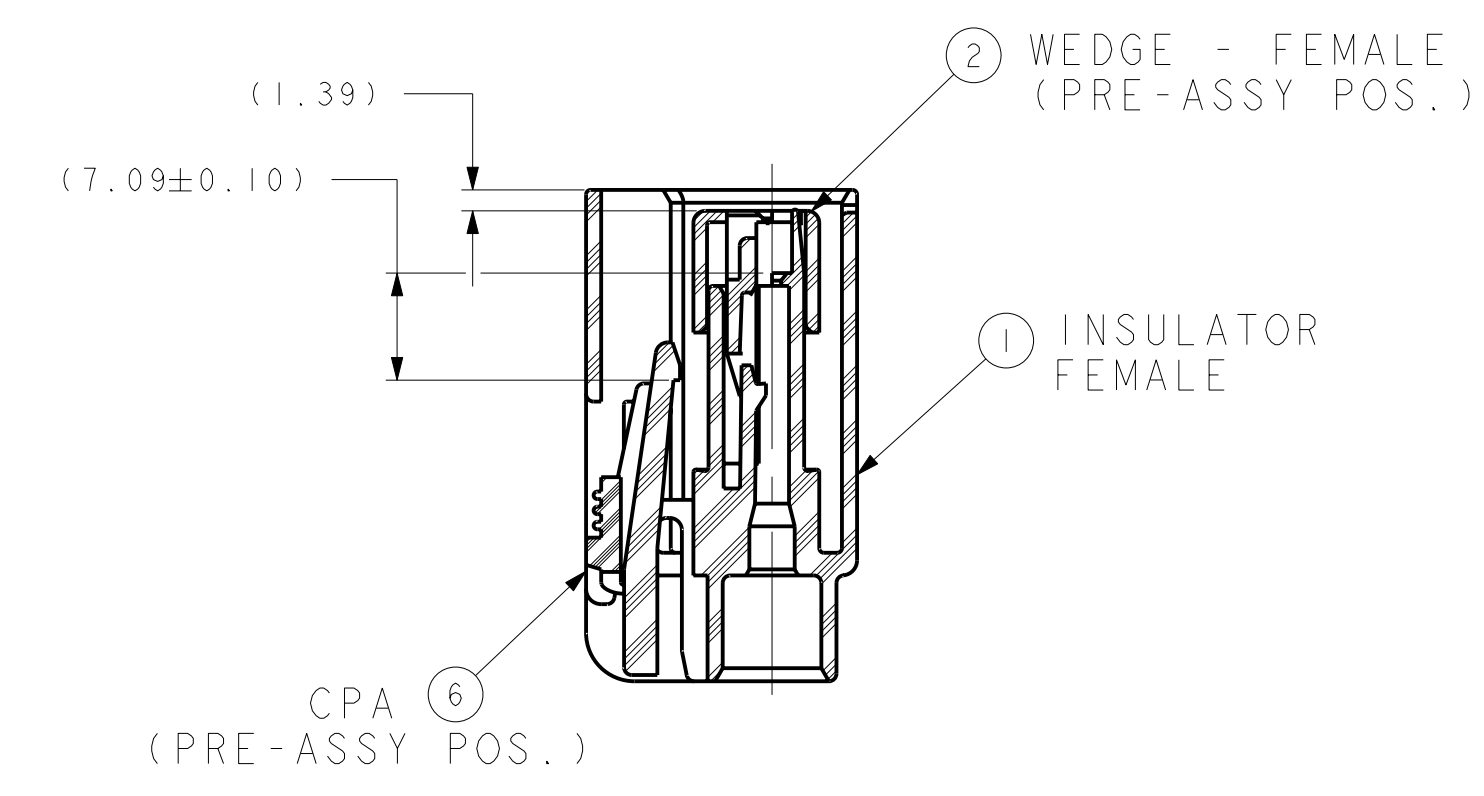




POLARIZATION OPTIONS
SCALE 1:1

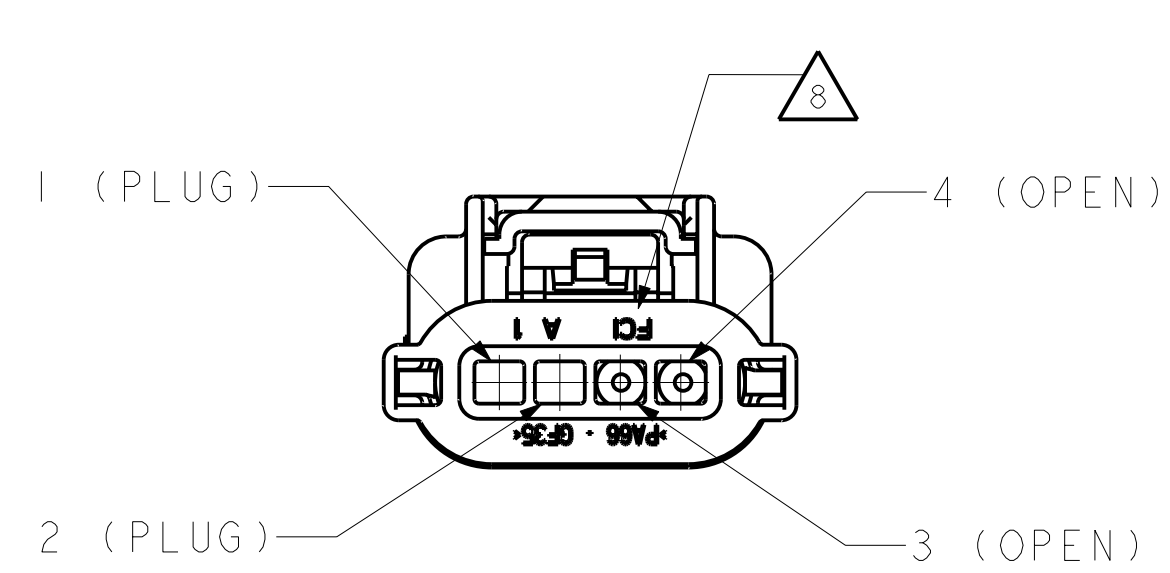


SECTION A-A
SEALED ASSEMBLY VIEW
FOR REFERENCE ONLY

SECTION B-B
SEALED ASSEMBLY VIEW
FOR REFERENCE ONLY

SECTION A-A

UNSEALED ASSEMBLY VIEW



① SRS OPTION
CIRCUIT #1 & 2 OPEN
CIRCUIT #3 & 4 PLUGGED
(UNSEALED ALL CAVITIES OPEN)

#2 SRS OPTION
ALL CIRCUITS OPEN
(UNSEALED ALL CAVITIES OPEN)

#3 SRS OPTION
CIRCUIT #1 & 2 PLUGGED
CIRCUIT #3 & 4 OPEN
(UNSEALED ALL CAVITIES OPEN)

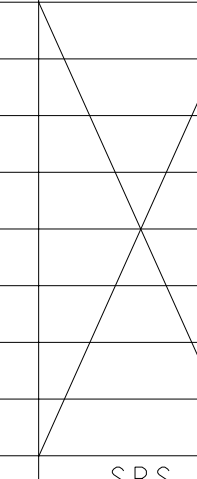
54550410	A	54550421	#3	W/CLIP	NO	BRT YELLOW
54550411	B	54550418	#1	W/CLIP	NO	LT YELLOW
54550410	A	54550414	#1	W/CLIP	NO	BRT YELLOW
54550411	B	F288110	#2	W/O CLIP	NO	LT YELLOW
		54550417		W/CLIP		
54550410	A	F188110	#2	W/O CLIP	NO	BRT YELLOW
		54550413		W/CLIP		
54550405	B	F088110	#1	W/O CLIP	YES	LT YELLOW
		54550412		W/CLIP		
54550408	B	F978110	#2	W/O CLIP	YES	LT YELLOW
		54550407		W/CLIP		
54550406	A	F878110	#1	W/O CLIP	YES	BRT YELLOW
		54550409		W/CLIP		
54550415	A	F778110	#2	W/O CLIP	YES	BRT YELLOW
		54550416		W/CLIP		
54550420	A	F398110	#3	W/O CLIP	YES	BRT YELLOW
		54550419		W/CLIP		
55200433	D	55200437		IN-LINE	NO	NATURAL
55200432	C	55200436		IN-LINE	NO	DK GRAY
55200431	B	55200435		IN-LINE	NO	LT GRAY
55200430	A	55200434		IN-LINE	NO	BLACK
55200403	D	55200407		IN-LINE	YES	NATURAL
55200402	C	55200406		IN-LINE	YES	DK GRAY
55200401	B	55200405		IN-LINE	YES	LT GRAY
55200400	A	55200404		IN-LINE	YES	BLACK
FEMALE ASSY	POL	MALE ASSY	SRS OPTION	ASSEMBLY TYPE	SLD	COLOR
MATING PART NUMBER CHART						

CHART - ASSEMBLY PART NUMBERS														
UN-SEALED					SEALED									
IN-LINE			SRS		APPLICATION					IN-LINE				
55200430	55200431	55200432	55200433	54550411	54550410	54550405	54550408	54550406	54550415	54550420	55200400	55200401	55200402	55200403
REQUIRED					REQUIRED									
				I				I	I	I				
			I			I	I							
I											I			
	I											I		
		I											I	
			I											I
I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
I	I	I	I	I	I	(11)	(11)	(11)	(12)	(12)	I	I	I	I
I	I	I	I	I	I	(11)	(11)	(11)	(13)	(13)	I	I	I	I
I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
3	3	3	3	I	I	I	I	I	I	I	3	3	3	3
C	C	C	C	C	A	C	C	A	A	D	B	C	C	C

ITEM	FCL	P/N'S	PART NAME	COLOR	MATERIAL
I		55200412	INS POL TYPE "A"	BRT YELLOW	A3E67
I		55200413	INS POL TYPE "B"	LT YELLOW	A3E67
I		55200408	INS POL TYPE "A"	BLACK	A3E67
I		55200409	INS POL TYPE "B"	LT. GRAY	A3E67
I		55200410	INS POL TYPE "C"	DK. GRAY	A3E67
I		55200411	INS POL TYPE "D"	NATURAL	A3E67
2		55200416	WEDGE-FEMALE	ROYAL BLUE	A3E67
3		55200419	RING SEAL	BRT RED	SILICONE
4		55200420	END SEAL	BURNT ORANGE	SILICONE
5A		55200418	RETAINER - NO PLUGS	NATURAL	A3E67
5B		55200425	RETAINER WITH TWO PLUGS SEE ASSY OPTION 1 & 3 FOR PLUGS LOCATION	BLACK	A3E67
6		54200016	CPA LATCH	RED	A3E67
CONN ASSY TEMPERATURE CLASS PER SAE/USCAR-2 REV 5					
PART CHANGE LEVEL (PCL)					

- NOTES:

 - 1 QUALITY ASSURANCE REQUIREMENTS PER CHRYSLER PS-7300
SPC DATE 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 FABRICATIONS MUST SPECIFY PROPER INSULATION TYPE FOR
TEMPERATURE CLASS THE CONNECTOR SYSTEM IS USED FOR
 - 5 ALL THE SEALED CONNECTOR APPLICATIONS MUST BE USED WITH CHRYSLER WIRE
SPECIFICATION MS8280, MS9502 OR MS7889 20, 18, OR 16 GAGE WIRES
ONLY UNLESS OTHERWISE SPECIFIED (*WIRE INSULATIONS Ø1.50 MINIMUM
TO Ø2.41 MAXIMUM)
 - 6 ALL NON-SEALED APPLICATIONS MAY BE USED WITH ANY WIRE INSULATION
22 GAGE THROUGH 14 GAGE (EXCEPT AS NOTED) PROVIDING THAT A TERMINAL
GRIP FOR THAT CORE/INSULATION COMBINATION IS SHOWN ON THE FEMALE
TERMINAL DRAWING

MAXIMUM INSULATION CRIMP WIDTH	= 3.30
MAXIMUM INSULATION CRIMP HEIGHT	= 2.80
MAXIMUM INSULATION DIAMETER	= 2.65
 - 7 TEST METHOD PER SAE/USCAR-2 REV 5 CONNECTOR
ENGAGE & DIS-ENGAGE WITH LATCH DEPRESSED FORCE NOT TO EXCEED 75N
FOR THIS SYSTEM

CPA SEATING FORCES - 40N MAXIMUM

WEDGE SEATING FORCES - 75N MAXIMUM
 - 8 SUPPLIER, MOLD & CAVITY I.D. SIGNIFIES TOOL OWNERSHIP, FOR REFERENCE
 - 9 ANNUAL QUALITY REQUIREMENTS:

IT IS PERMITTED TO PERFORM CONTINUOUS CONFORMANCE PER FC1
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
 - 10 MUST CONFORM TO THE FOLLOWING CHRYSLER/YNA STANDARDS:

SAE/USCAR-2 REV 3 EXCEPT AS NOTED ABOVE

PS- 7300 QUALITY ASSURANCE (CHRYSLER)

PS- 1050 - CERF 4 (CHRYSLER) PART I.D. (G- 009- 2 YNA)

PS- 9227 DATA EXCHANGE (CHRYSLER), (G- 009- 1 YNA)

PS- 10052 INFORMATION SECURITY (CHRYSLER)
 - 11 USE WITH: CAVITY PLUG- FC1 P/N 54399002 USE WHEN REQUIRED
USE WITH 1.5MM APEX FEMALE TERMINAL SEE C18001-CUST
TERMINAL IS SYMMETRICAL AROUND CENTERLINE HAS 180°
ORIENTATION CAPABILITY
 - 12 RETAINER P/N 55200425 IS NOT POLARIZED AND IT MUST HAVE PROPER
PLUG LOCATED TO THE SINGLE SHORTING CLIP OR 2-WAY APPLICATION
SEE SAFETY RESTRAINT SYSTEM (SRS) OPTION VIEWS AND CHART

[illegible]

Mouser Electronics

Authorized Distributor

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

[Aptiv:](#)

[54550415](#) [55200400](#) [54550406](#) [54550410](#) [54550415-B](#) [54550406-B](#) [54550411](#) [54550405](#) [54550410-B](#)
[55200400-B](#) [15520989](#) [55200430-B](#) [55200430](#) [54550411-B](#) [15520989-L](#)