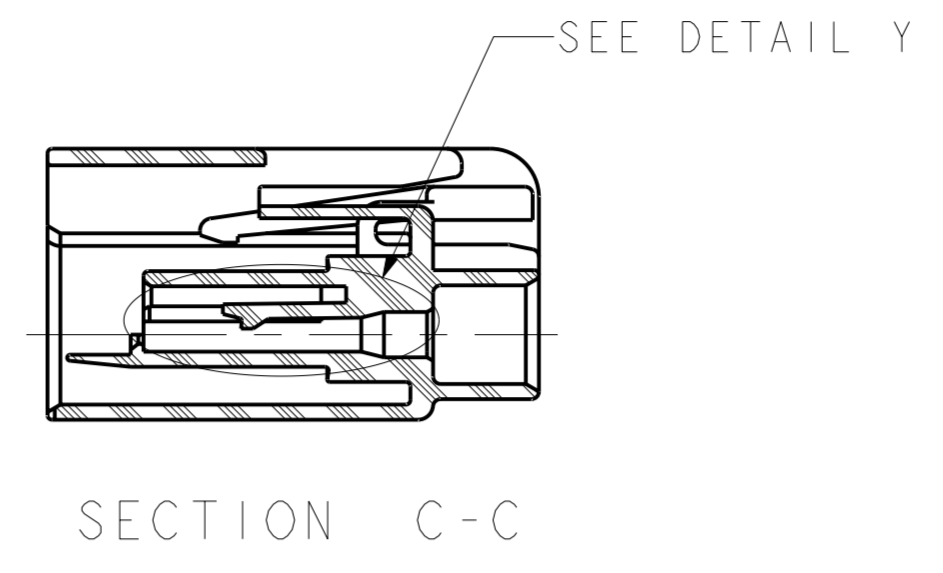
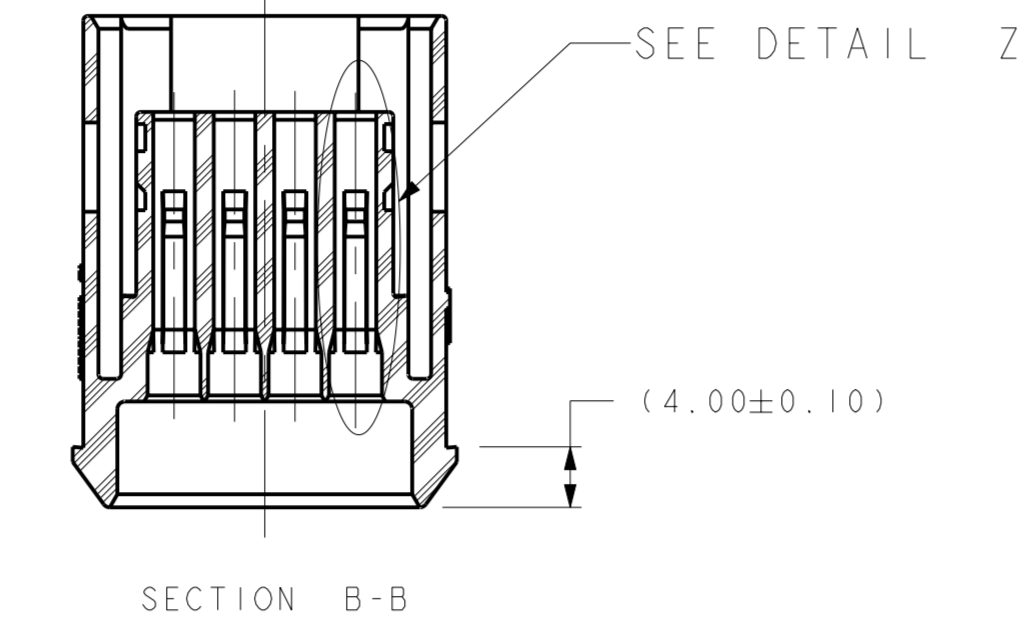
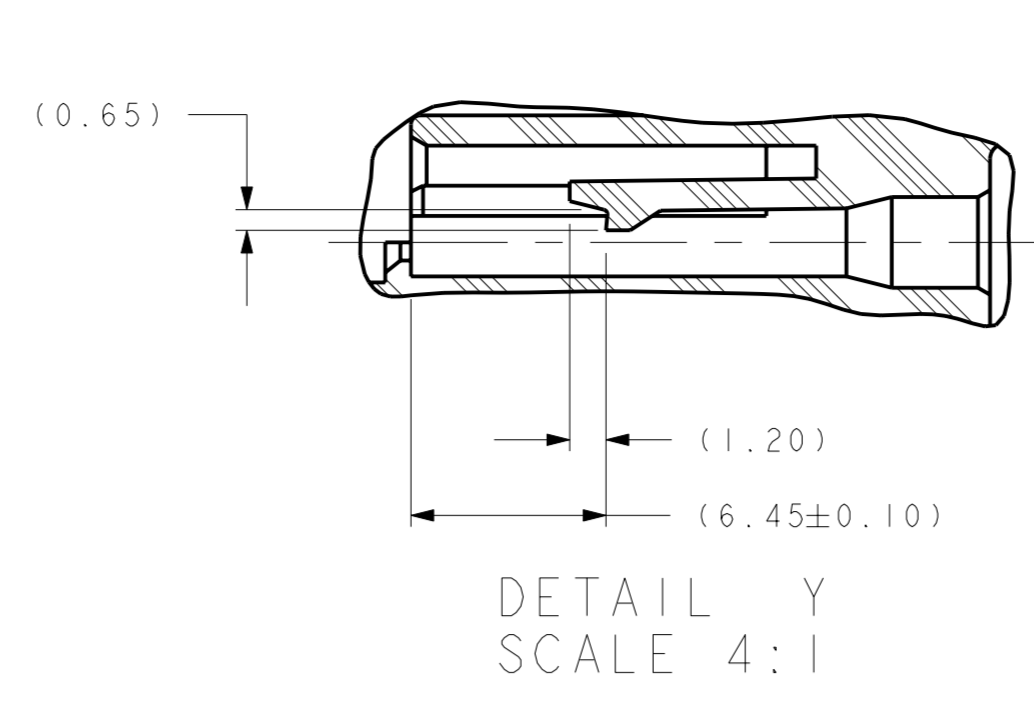
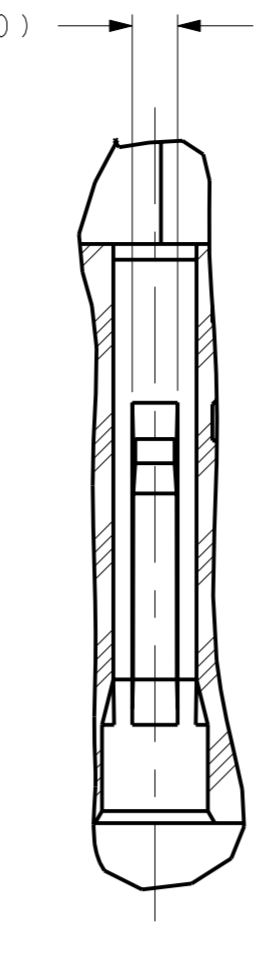
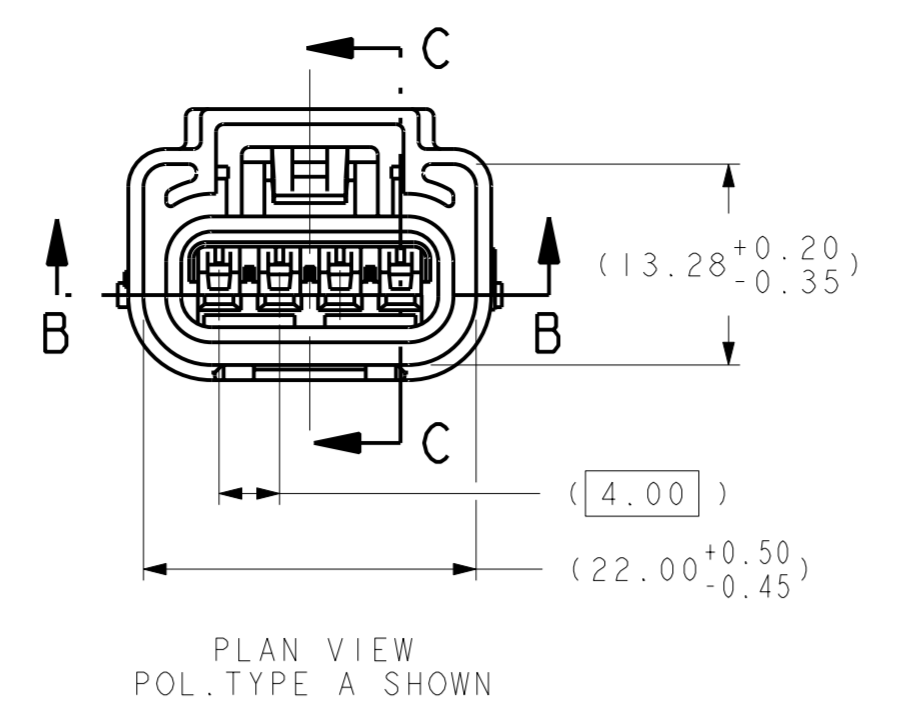
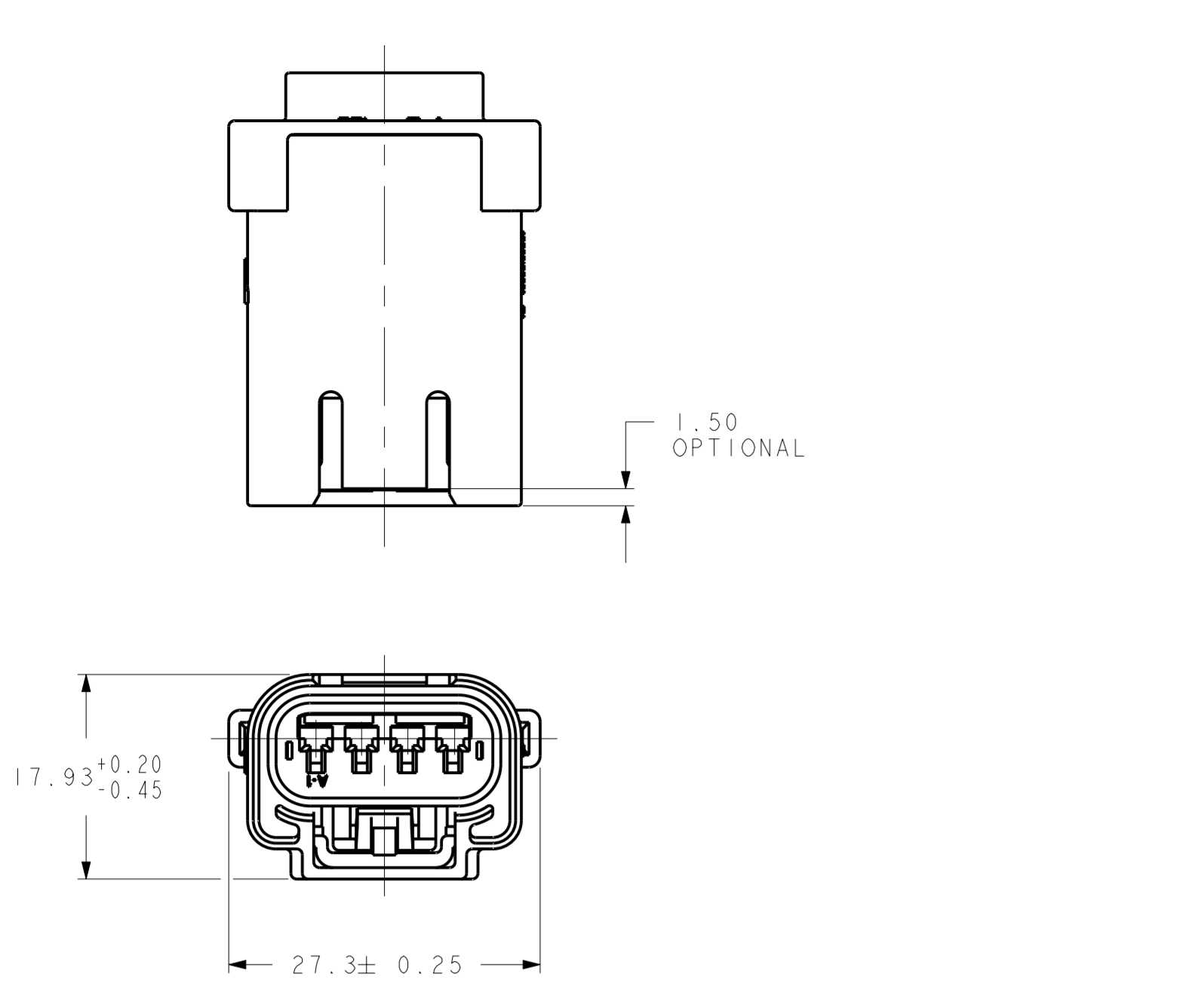
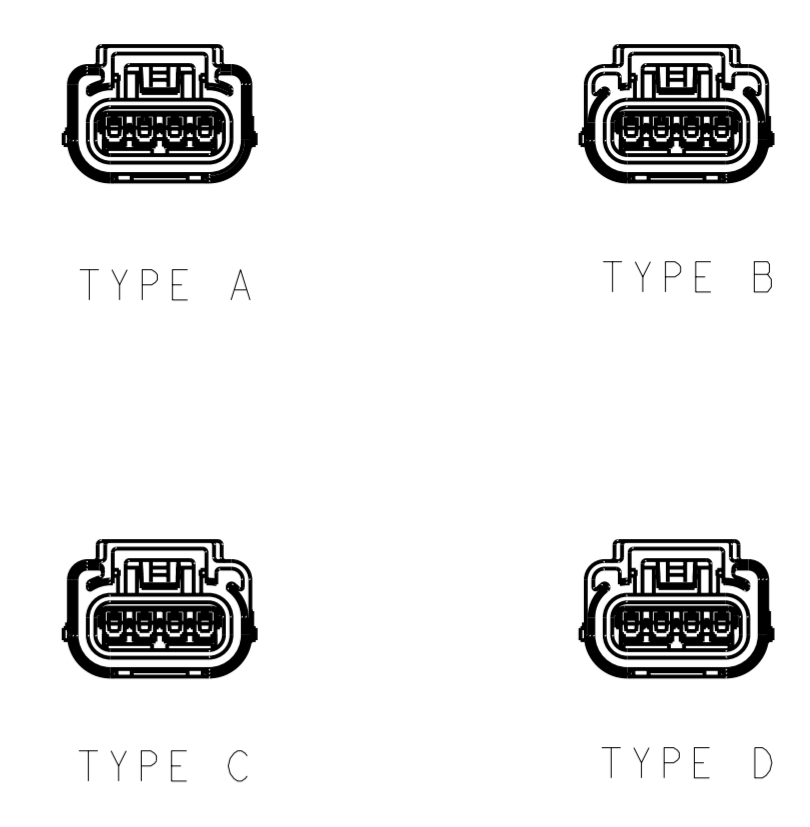


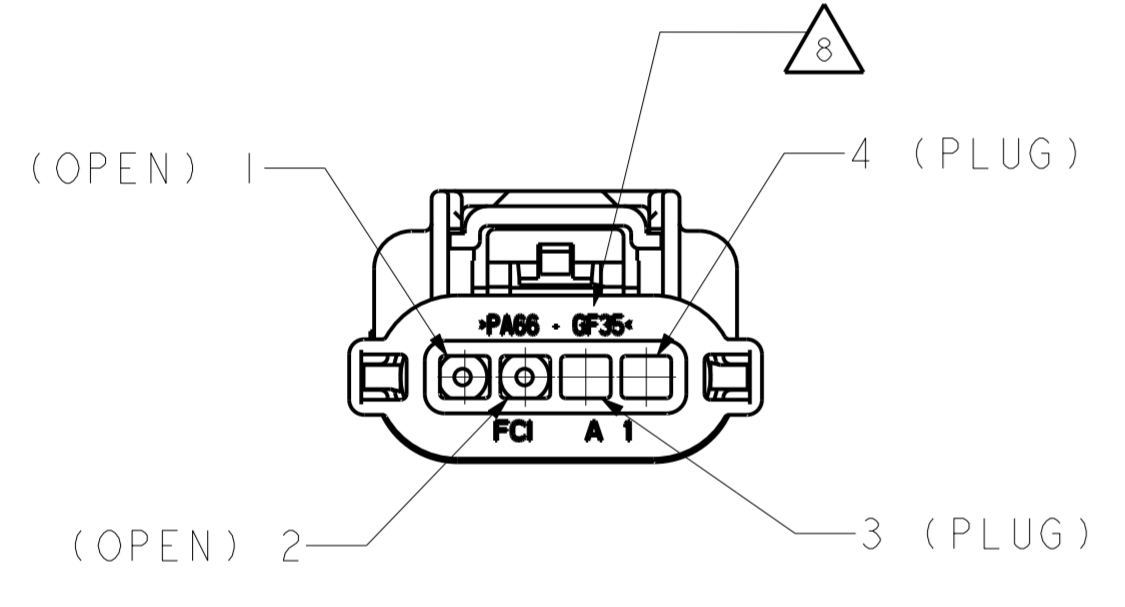
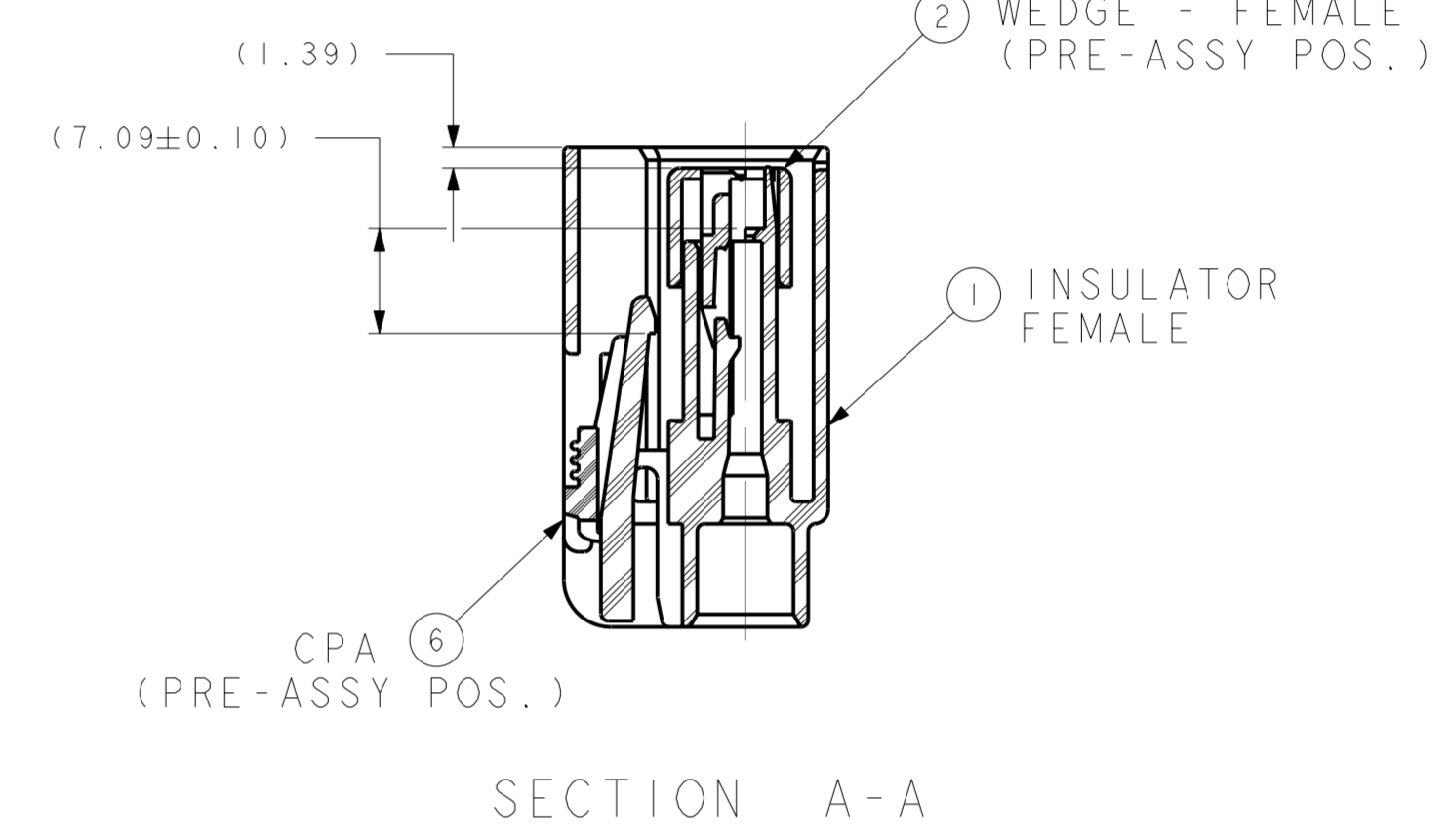
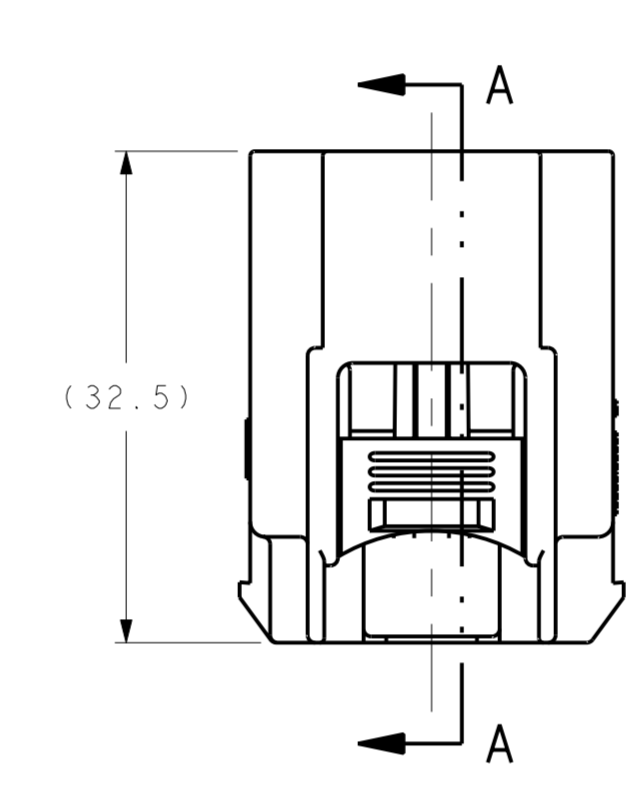
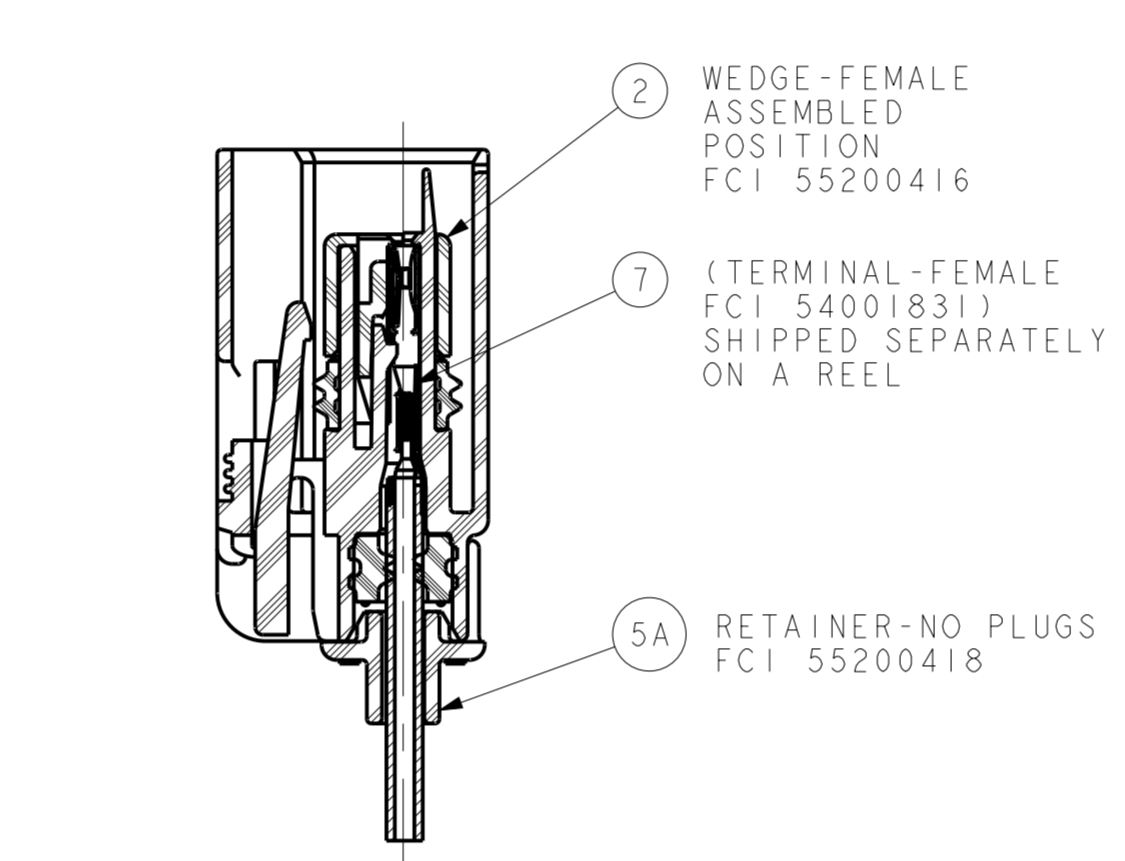
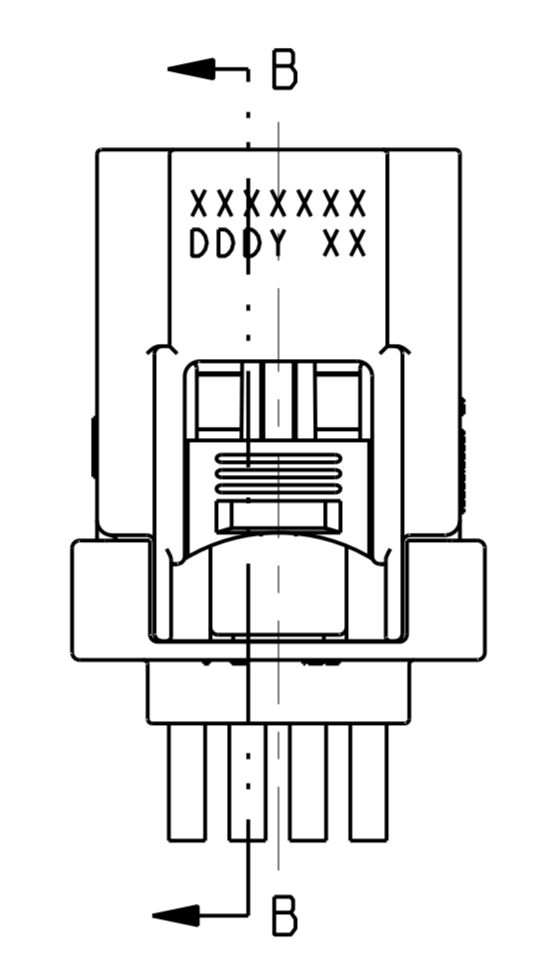
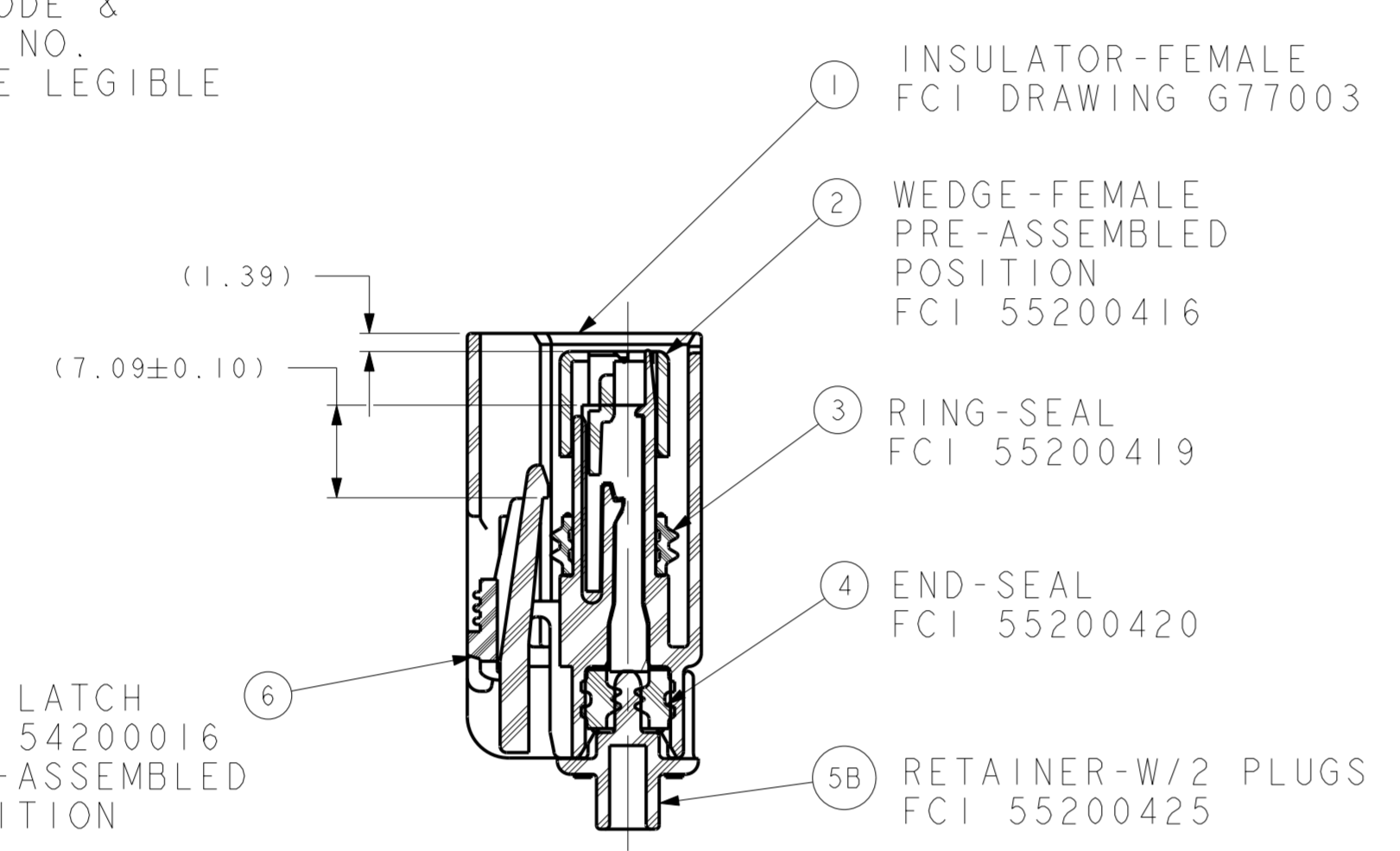
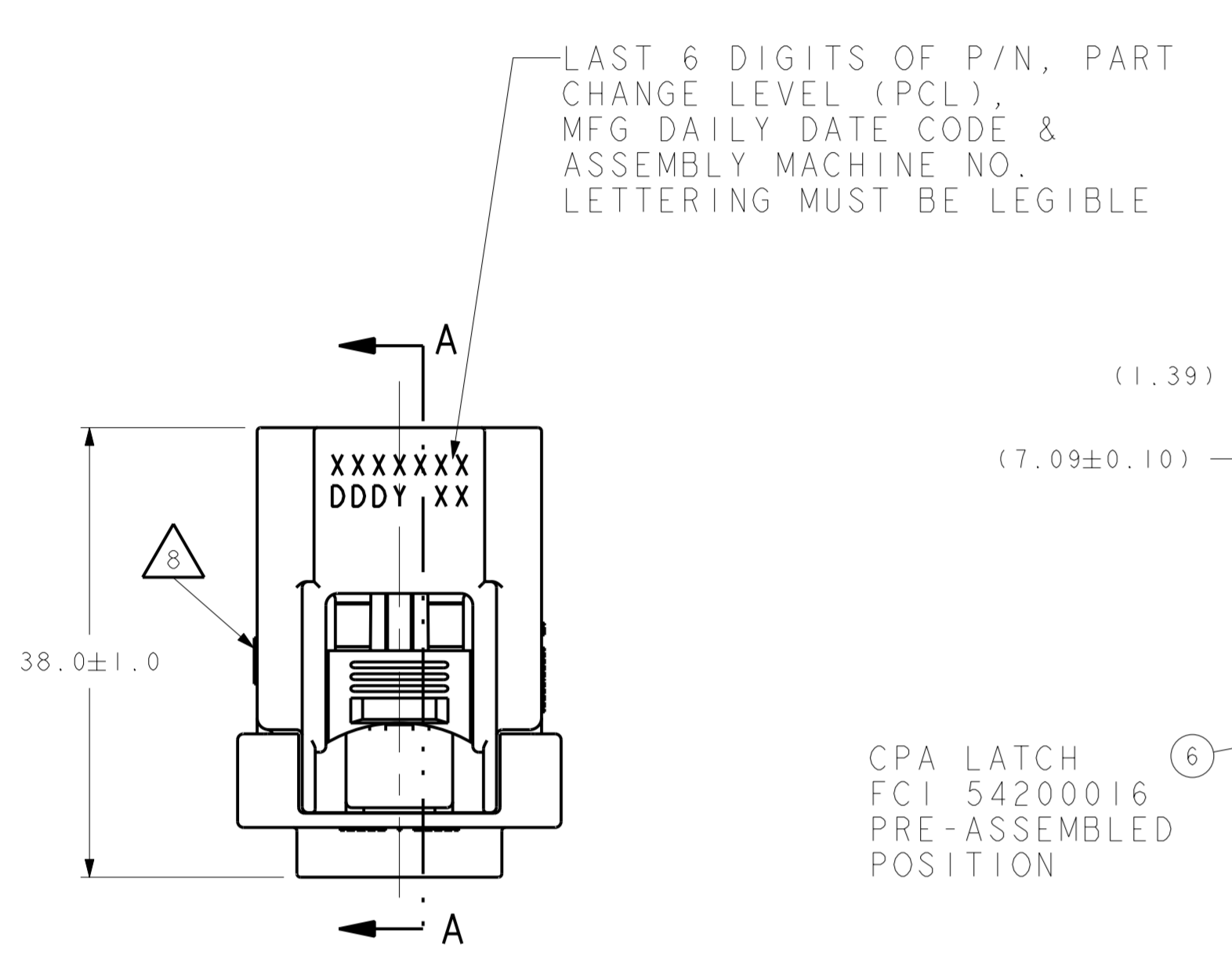
SCALE 1:1



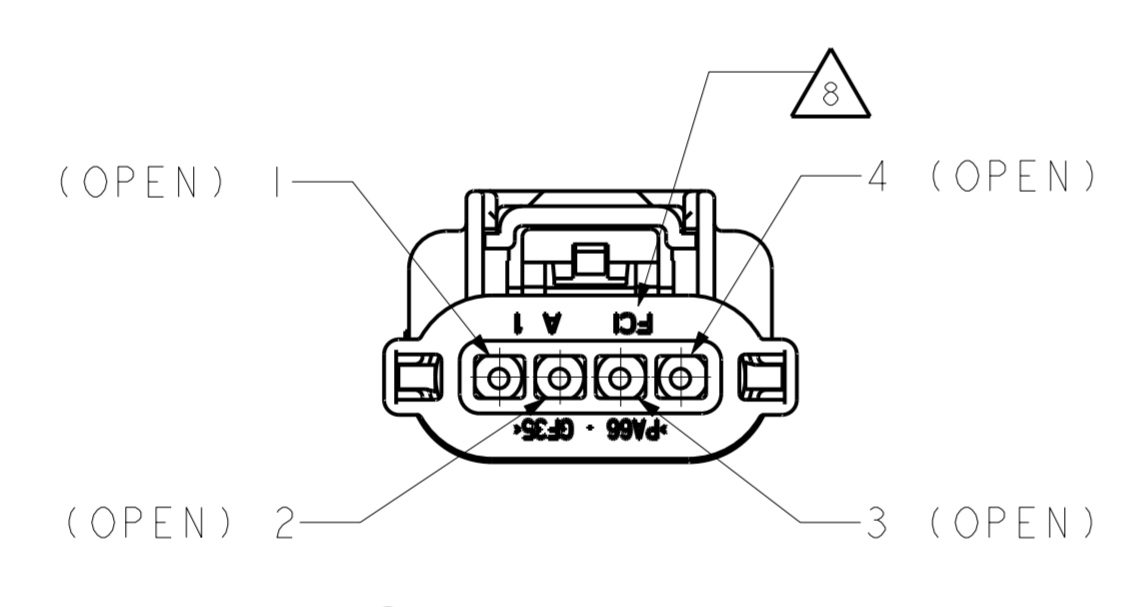
INSULATOR VIEWS
(FOR REFERENCE ONLY)



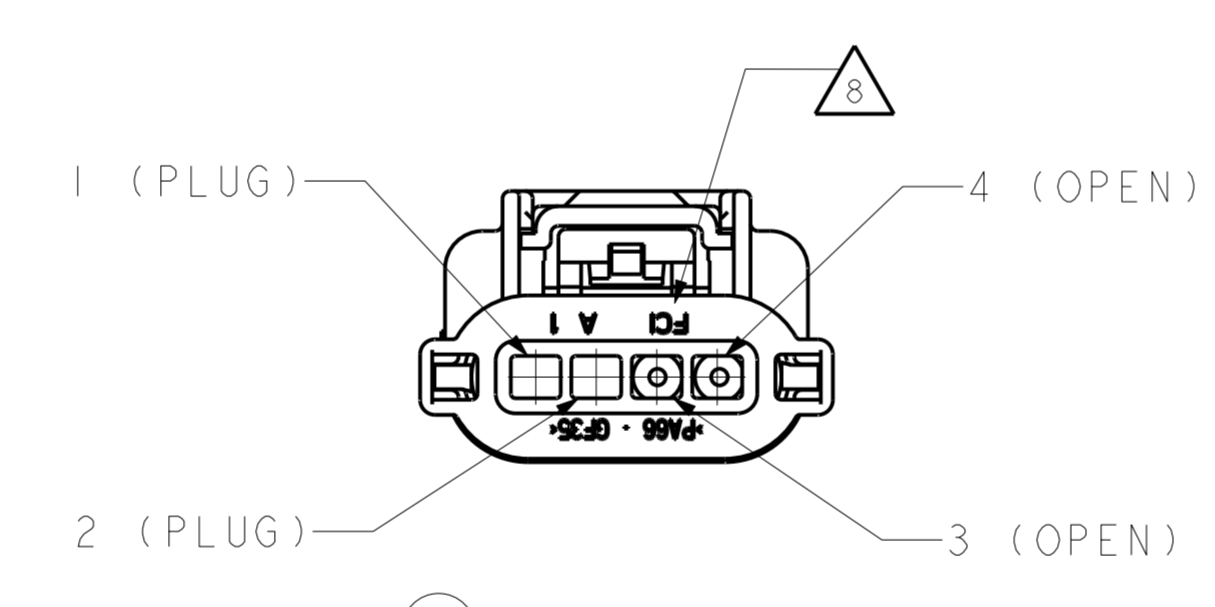
POLARIZATION OPTIONS
SCALE 1:1



#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)

CHART - ASSEMBLY PART NUMBERS

UN-SEALED		SEALED	
IN-LINE	SRS APPLICATION	IN-LINE	
55200430			
55200431			
55200432			
55200433			
54550411			
54550410			
54550408			
54550406			
54550415			
54550420			
55200400			
55200402			
55200403			

FCI	INSULATOR	WEDGE	RING SEAL	END SEAL	RETAINER	CPA LATCH	TERMINAL	PLUGS
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		W/O CLIP				
54550417	#2	W/CLIP	NO	LT YELLOW				
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		

CONN ASSY TEMPERATURE CLASS PER SAE/USCAR-2 REV 5
PART CHANGE LEVEL (PCL)

- NOTES:
- QUALITY ASSURANCE REQUIREMENTS PER CHRYSLER PS-7300 SPC DATE REQUIRED
 - ENGINEERING APPROVAL OF SUPPLIER SAMPLES IS REQUIRED PRIOR TO AUTHORIZATION OF PART PRODUCTION
 - CHANGES IN DESIGN COMPOSITION OR PROCESSING FROM THE PART PREVIOUSLY APPROVED FOR PART PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL
 - WIRING FABRICATIONS MUST SPECIFY PROPER INSULATION TYPE FOR TEMPERATURE CLASS THE CONNECTOR SYSTEM IS USED FOR
 - ALL THE SEALED CONNECTOR APPLICATIONS MUST BE USED WITH CHRYSLER WIRE SPECIFICATION MSB288, MS9502 OR MS7889 20, 18, OR 16 GAGE WIRES ONLY UNLESS OTHERWISE SPECIFIED (WIRE INSULATIONS Ø 1.50 MINIMUM TO Ø 2.41 MAXIMUM)
 - 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
 - TEST METHOD PER SAE/USCAR-2 REV 5 CONNECTOR ENGAGE & DIS-ENGAGE WITH LATCH DEPRESSURE FORCE NOT TO EXCEED 75N FOR THIS SYSTEM
 - CPA SEATING FORCES - 40N MAXIMUM
WEDGE SEATING FORCES- 75N MAXIMUM
 - SUPPLIER, MOLD & CAVITY I.D. SIGNIFIES TOOL OWNERSHIP, FOR REFERENCE
 - ANNUAL QUALITY REQUIREMENTS:
IT IS PERMISSIBLE TO PERFORM CONTINUOUS CONFORMANCE PER FCI SPECIFICATION #80A-001 INSTEAD OF ANNUAL LAYOUT & ANNUAL PV REQUIREMENTS OF QS 9000 SECTION 2 & SAE/USCAR-2 REV 5
 - ALL NON-REFERENCE DIMENSIONS ARE REQUIRED
 - MUST CONFORM TO THE FOLLOWING CHRYSLER/YNA STANDARDS:
SAE/USCAR-2 REV 3 EXCEPT AS NOTED ABOVE
PS- 7300 QUALITY ASSURANCE (CHRYSLER)
PS- 4480 - CER- 4 (CHRYSLER) PART I.D., (G- 009- 2 YNA)
PS- 9227 DATA EXCHANGE (CHRYSLER), (G- 009- 7 YNA)
PS- 10052 INFORMATION SECURITY (CHRYSLER)
 - USE WITH: CAVITY PLUG- FCI P/N 54399002 WHEN REQUIRED
USE WITH 1.5MM APEX FEMALE TERMINAL SEE C18001-CUST
TERMINAL IS SYMMETRICAL AROUND CENTERLINE HAS 180° ORIENTATION CAPABILITY
 - RETAINER P/N 55200425 IS NOT POLARIZED AND IT MUST HAVE PROPER PLUG LOCATION FOR SINGLE SHORTING CLIP OR 2-WAY APPLICATION
SEE SAFETY RESTRAINT SYSTEM (SRS) OPTION VIEWS AND CHART

REV. NUMBER	DATE	BY	REVISION	ZONE	CHANGE DESCRIPTION	DRAWN BY	CHK. BY	APP. BY
1	08-15-11	E	003, 022		WIRING P/N CHART UPDATED SRS OPTION WAS SHORTING BAR OPTION NOTE TO REVISED	RA	SSS	SSS
2	05-15-08	D2	E22		WIRING P/N CHART UPDATED FOR SECURITY WIRE UNSEALED WITH CAVITY PLUG A SAFETY PLUG A SAFETY PLUG UNSEALED IN OPTION IF WIRE CONNECTOR, ADD	RA	SSS	SSS
3	11-30-07	D1	020		OPTIONAL: ADD TO 1.50 DIMENSION OPTIONAL REMOVED FROM PART ID NOTE	RA	SSS	SSS
4	9-17-07	D	E15, C22		WIRING P/N 54399002 & WIRING P/N CHART ADDED	DRK	SSS	SSS
5	08-06	C	C6, C4		REVISION & REWORK ON NEW FCI TITLED DESIGN 18 LINE ASSEMBLY NEW P/N 1, ADDED & CHART UPDATED SEE REV 4 FOR PREVIOUS CHANGES SHORTING BAR INSULATOR COLORS REVISED	DRK	SSS	SSS

G77001

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