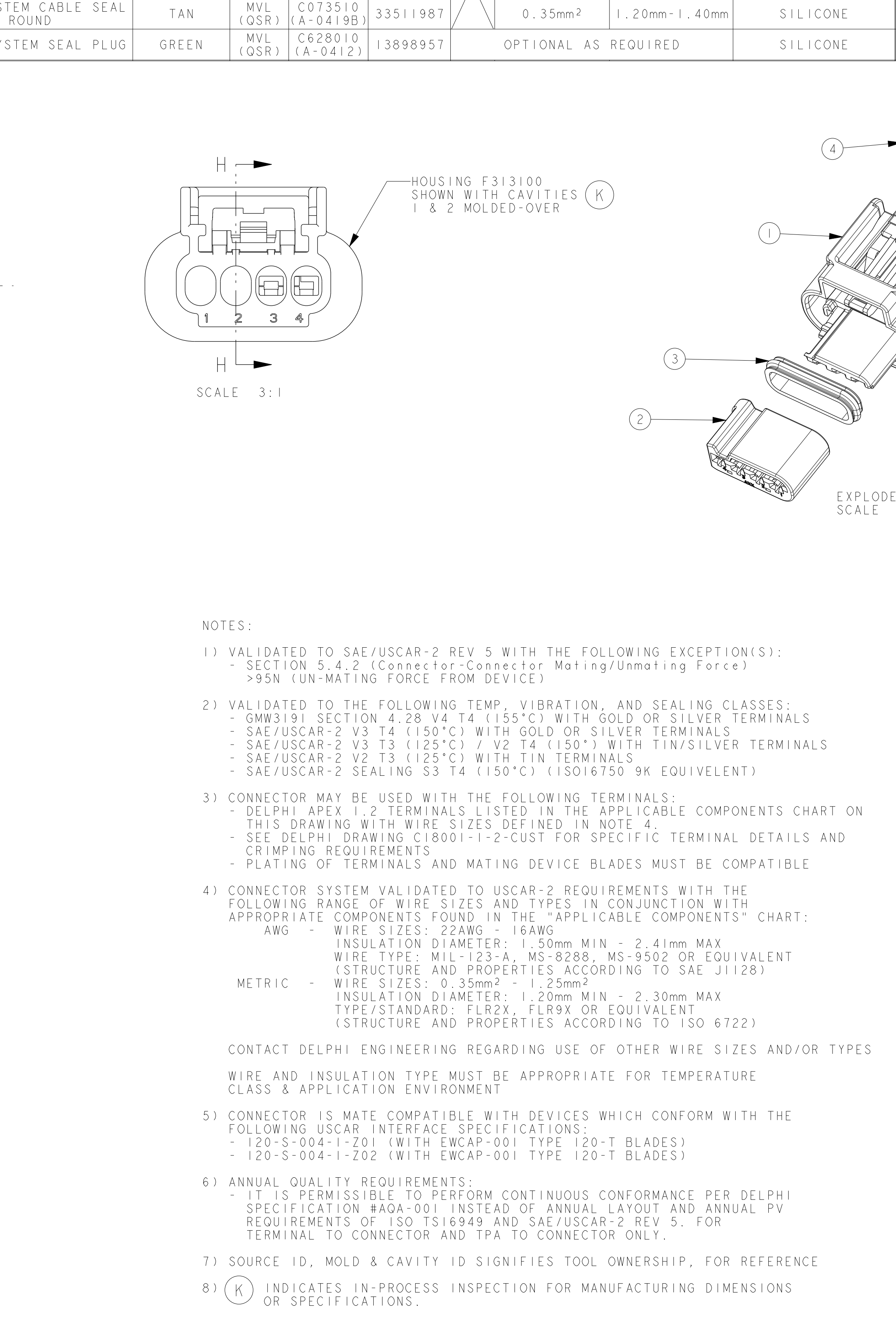
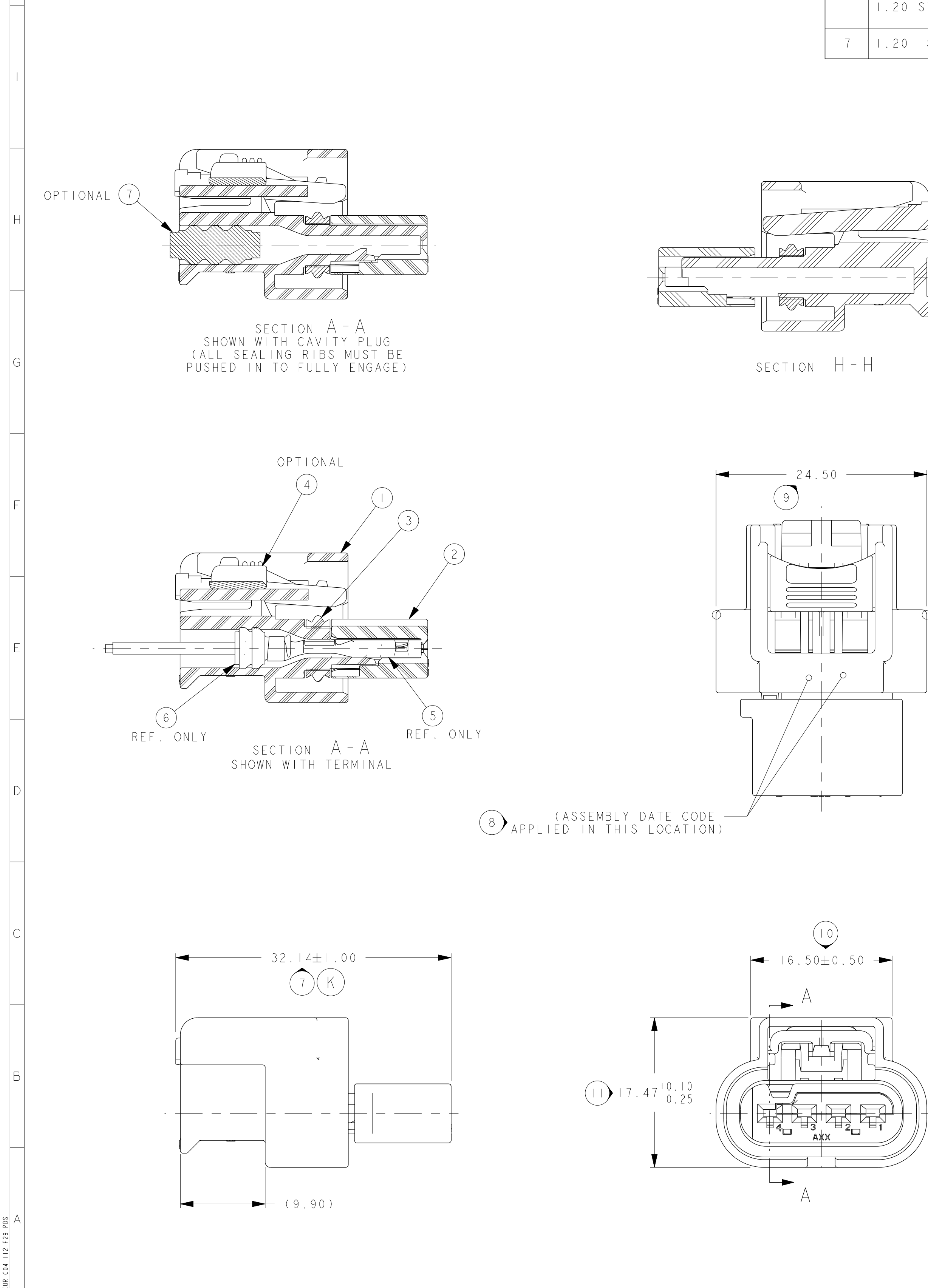
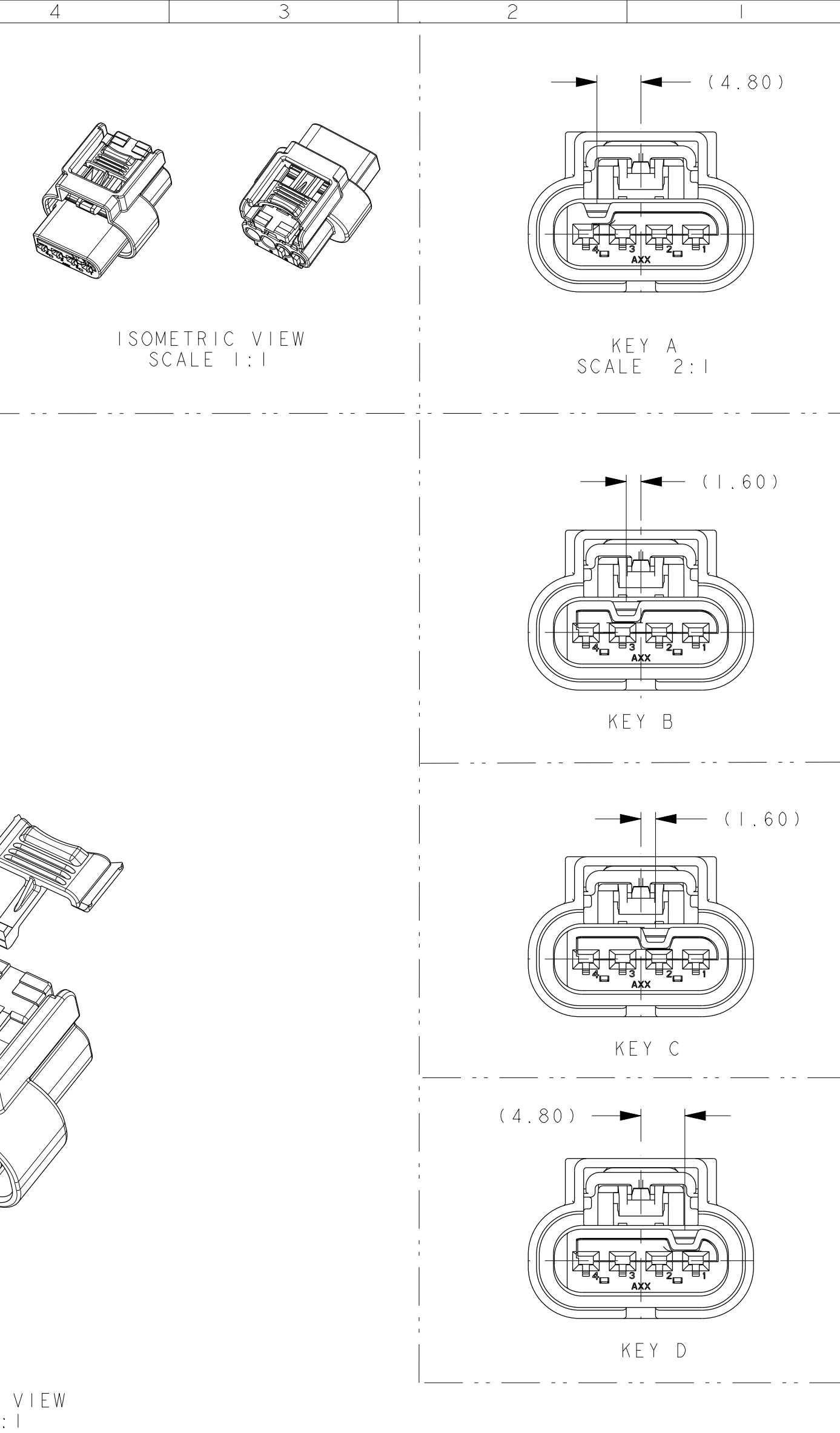


	16				15				14				13				12				11			
ASSEMBLY PART NUMBER CHART																								
PART NUMBERS					KEY OPTION	COLOR	MOLDED-OVER POSITIONS				COMPONENTS													
DELPHI	REV	MVL	REV	INSULATOR (HOUSING)			TPA (BLUE)	RING SEAL (BLUE)	CPA (RED)															
										1	2	3	4											
											PA66 GF35	PA66 GF35	SILICONE	PA66 GF35										
M	33511378	02	F405100	B	A	BLACK	X	X			F313100	F481100	F342100	F752210										
	33511379	01	F192100	A	A	BLACK	X	X						N/A										
	13965727	02	F782100	B	A	BLACK								F971100										
	33511380	02	F882100	B	B	LT GRAY					F181100	F581100												
	-	-	N/A	-	C	DK GRAY					F281100	F681100												
	-	-	N/A	-	D	BLACK					F381100	F781100												
L	13820427	01	F881100	A	A	BLACK					F971100	F481100	N/A											
	33511381	01	F981100	A	B	LT GRAY					F181100	F581100												
	-	-	N/A	-	C	DK GRAY					F281100	F681100												
	-	-	N/A	-	D	BLACK					F381100	F781100												
	13856391	01	F095900	A	A	BLACK				X	F225900													
	33400263	01	-	-	A	BLACK		X	X		33400261													
	33400264	01	-	-	A	BLACK			X		33400262													

APPLICABLE COMPONENTS CHART									
ITEM NO.	DESCRIPTION	PLATING OR COLOR	SUPPLIER		DELPHI	GRIP CODE	WIRE SIZE	INSULATION DIAMETER RANGE	MATERIAL/SPEC NO
			NAME	NUMBER					
5	1.20 SYSTEM TERMINAL	TIN	MVL	54001864	13576990	18	18-16 AWG 0.75-1.25mm ²	1.70mm-2.41mm	COPPER ALLOY / NA
	1.20 SYSTEM TERMINAL	TIN	MVL	54002006	13806233	20	22-20 AWG 0.35-0.50mm ²	1.20mm-1.90mm	COPPER ALLOY / NA
	1.20 SYSTEM TERMINAL	TIN/SILVER	MVL	54001866	13587331	18	18-16 AWG 0.75-1.25mm ²	1.70mm-2.41mm	COPPER ALLOY / NA
	1.20 SYSTEM TERMINAL	TIN/SILVER	MVL	54002007	15521522	20	22-20 AWG 0.35-0.50mm ²	1.20mm-1.90mm	COPPER ALLOY / NA
	1.20 SYSTEM TERMINAL	SILVER	MVL	F731400	13805376	18	18-16 AWG 0.75-1.25mm ²	1.70mm-2.41mm	COPPER ALLOY / NA
	1.20 SYSTEM TERMINAL	SILVER	MVL	F931400	13805375	20	22-20 AWG 0.35-0.50mm ²	1.20mm-1.90mm	COPPER ALLOY / NA
	1.20 SYSTEM TERMINAL	GOLD	MVL	54001863	13579640	18	18-16 AWG 0.75-1.25mm ²	1.70mm-2.41mm	COPPER ALLOY / NA
	1.20 SYSTEM TERMINAL	GOLD	MVL	54002005	13827658	20	22-20 AWG 0.35-0.50mm ²	1.20mm-1.90mm	COPPER ALLOY / NA
	1.20 SYSTEM CABLE SEAL ROUND	RUST RED	MVL (QSR)	C528010 (A-0419)	13898958		18-16 AWG 1.00-1.25mm ²	1.90mm-2.41mm	SILICONE
6	1.20 SYSTEM CABLE SEAL ROUND	GREEN	MVL (QSR)	(A-0419C)	33402838		22-20 AWG 0.50-0.75mm ²	1.40mm-1.90mm	SILICONE
	1.20 SYSTEM CABLE SEAL ROUND	TAN	MVL (QSR)	C073510 (A-0419B)	33511987		0.35mm ²	1.20mm-1.40mm	SILICONE
7	1.20 SYSTEM SEAL PLUG	GREEN	MVL (QSR)	C628010 (A-0412)	13898957	OPTIONAL AS REQUIRED			SILICONE



ECN-13-01301	APP CHART	ADDED GREEN CABLE SEAL 33402838, REMOVED BLUE CABLE SEAL 54200391/13576991
ECN-13-01016	PART BOM	ECO 423850 - CORRECT PART REV FOR 3 DELPHI AND 3 MVL PART NUMBERS ECO 423850
ECN-13-01009		UPDATE VIEWS FOR DESIGN IMPROVEMENT TO CPA F752210
	NOTES	REVISED NOTE 2 - UPDATE PERFORMANCE DATA FOR TIN/SILVER PLATING
	APP CHART	CORRECT DELPHI P/N FOR TAN SEAL - 33511987 WAS 33511342
13-00686	-	ECO 422555 - DELPHI P/N'S ADDED FOR MVL PARTS WITH REV LEVELS CHARTS AND NOTES UPDATED FCI REPLACED WITH MVL, VIEWS RE-ALIGNED WITH 3:1 SCALE
13-00105	PART BOM	ADDED PART NUMBERS 33400263 & 33400264
12-01304	APP CHRT	ADD 0.35 CABLE SEAL C073510, ADD 0.35mm ² AND 22 AWG WIRE
	PART BOM	KEY OPTION C WAS BROWN, KEY OPTION D WAS DK GRAY
	NOTES	CORRECT AND REVISE NOTE 4
12-00612	CHARTS	RE-ACTIVATE PART NUMBERS F405100, F782100 AND F882100
	CHARTS	CPA PART NUMBER F752210 WAS 54200016
	CHARTS	REVISED "APPLICABLE COMPONENTS CHART"
	NOTES	REVISED NOTE 4
11899	CHARTS	REVISED "APPLICABLE COMPONENTS" CHART
11835	CHARTS	ADDED ASM NUMBER F095900, REVISED "APPLICABLE COMPONENTS" CHART, REVISED NOTE #5
11765	CHARTS	REVISED "APPLICABLE COMPONENTS" CHART, MOVED KEY VIEWS, NOTES REVISED
		DRAWING NUMBER PCC0546721 WAS PCC0546721
10454	CHARTS	REVISED CHART, ADDED "APPLICABLE COMPONENTS" CHART, KEYS C&D "NOT AVAILABLE"
		ADDED DIMENSION BALLOONS
	KEY(S)	REFERENCE DIMS WERE DIMENSIONS WITH TOLERANCE (#12,#13,#14,#15)
	B12,C15	17.42±0.10/-0.25 WAS 17.42 (#11), 32.15±1.00 WAS 32.15 (#7)
	G11	DIMENSION 24.5 (#9) MOVED TO NEW VIEW & TARGETS ADDED
	C11	16.50±0.50 WAS 16.50 (#10)
	NOTES	ADDED QUALITY ASSURANCE REQUIREMENTS (DIAMOND), "K" NOTE, & CONN-CONN REMOVAL FORCE
10140	-	RELEASE FOR PRODUCTION
ECN NO.	ZONE	CHANGE DESCRIPTION
PRODUCT SPEC.	PACKAGING SPEC.	APPLICATION SPEC.
APEX 1.2		COPYRIGHT DELPHI CORPORATION AND/OR ITS AFFILIATES. ALL RIGHTS RESERVED. REVISED THIS DRAWING IS THE PROPERTY OF DELPHI CORPORATION AND CONTAINS DELPHI CONFIDENTIAL INFORMATION. THE REPRODUCTION, DISTRIBUTION AND UTILIZATION OF THIS DOCUMENT OR ITS RELATED CAD DATA, AS WELL AS COMMUNICATION OF ANY CONTENT TO OTHERS, WITHOUT EXPRESS AUTHORIZATION, IS PROHIBITED.
TOLERANCES	±0.1 ±2*	MATERIAL : SEE CHART
CONTRACTOR N.	SEE NOTE 5	COLOR : SEE CHART
DO NOT MEASURE DRAWING	TOOL NO.	ECO Loc. Code AN
DATE	NAME	TITLE
2007/11/02	Maheshwari P	4 WAY FEMALE ASSEMBLY
2013/11/06	Maheshwari P	PROJECT
2013/11/07	Rob CURT	12MM HIRSCHMANN INTERFACE
2013/11/08	Burtha SHAN	ESR NO. AM-07001 CAT. NO.
FILE NAME	PCC0546721	DOCUMENT UNDER PDS CONTROL NO MODIFICATION ALLOWED OUTSIDE
STATE	STATE	PART NUMBER
APPROVAL LEVEL	APPROVAL LEVEL	APPROVAL LEVEL
PCC0546721	PCC0546721	PCC0546721
SERIAL RELEASED	SERIAL RELEASED	SERIAL RELEASED
See Table	See Table	See Table
CAD SYSTEM	CAD SYSTEM	CAD SYSTEM
pds / eng.	pds / eng.	pds / eng.
DWG SIZE	DWG SIZE	DWG SIZE
A1	A1	A1
SHEET	SHEET	SHEET
1	1	1
SCALE	SCALE	SCALE
3:1	3:1	3:1

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