

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

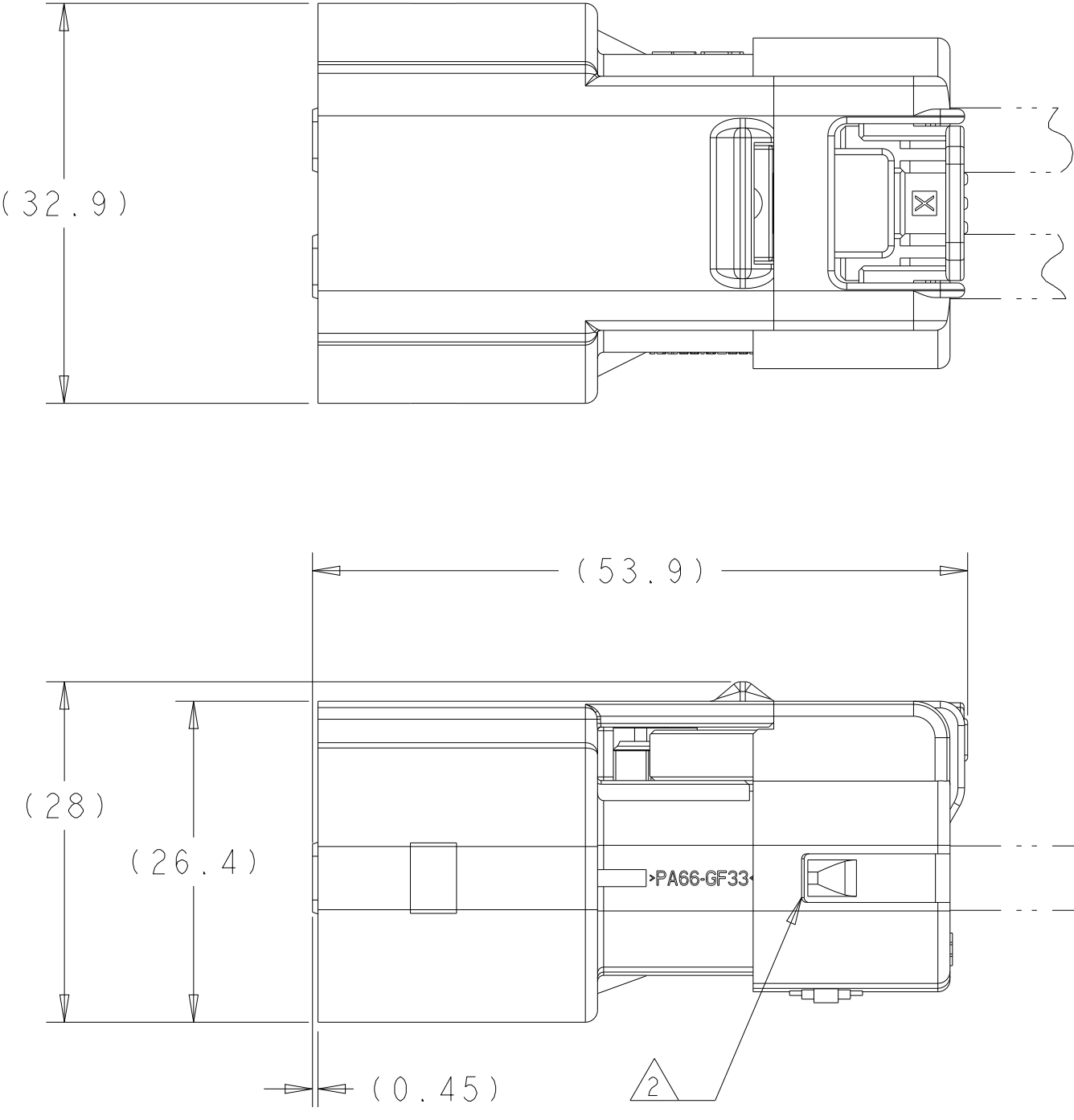
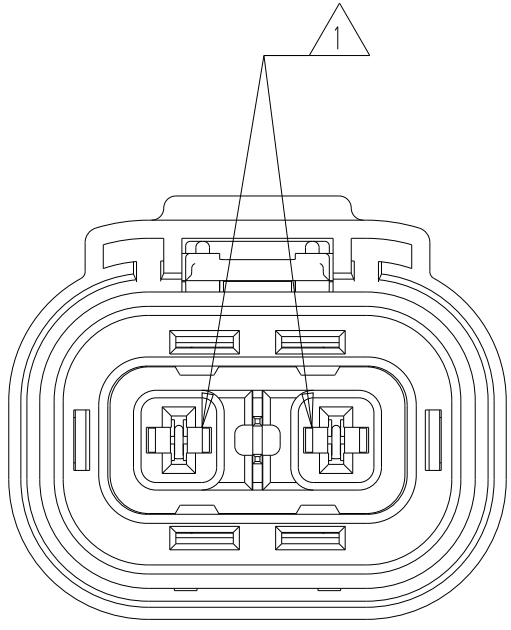
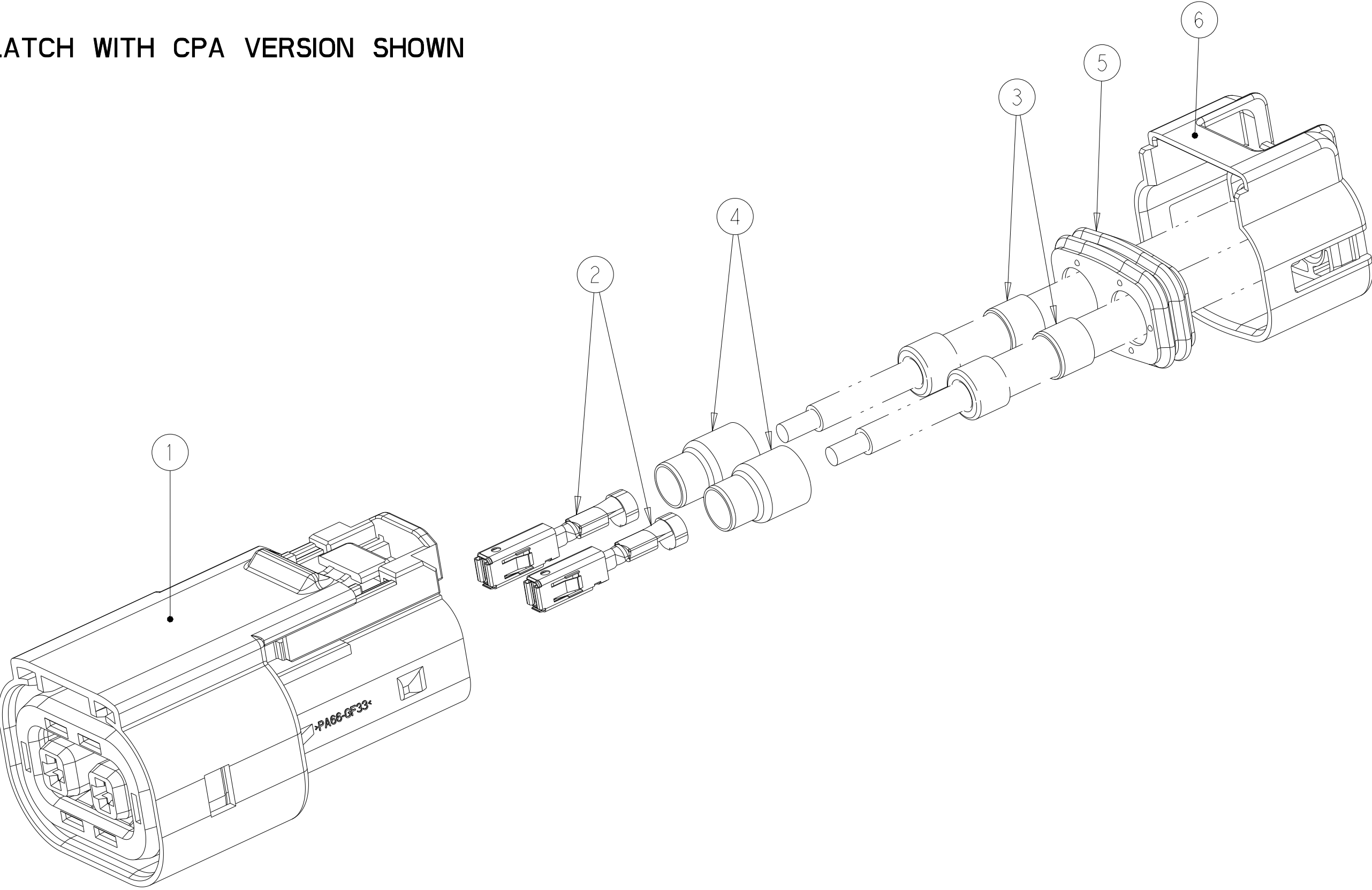
2019

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TOOL ACCESSIBLE LATCH WITH CPA VERSION SHOWN



1

ALL TERMINALS MUST BE FULLY SEATED AND LOCKED IN POSITION TWO PLACES PER TERMINAL.

2

CABLE SEAL RETAINER MUST BE FULLY LOCKED 2 PLACES.

3

PART NUMBERS LISTED ON THIS DRAWING ARE FOR REFERENCE ONLY AND DOCUMENT THE COMPLETE,AS-ASSEMBLED, FEMALE HARNESS ASSEMBLY (MINUS CABLING). PPAP INFORMATION IS NOT AVAILABLE FOR THESE REFERENCE PART NUMBERS, ITEM LISTED IN THE PART NUMBER TABLE (ITEM 1-6) ARE INDIVIDUAL SALEABLE ITEMS AVAILABLE FROM TE CONNECTIVITY.ITEM-SPECIFIC PPAP INFORMATION MUST BE REQUESTED THROUGH THE ITEM-SPECIFIC PART NUMBERS. PPAP REQUESTS FOR THESE REFERENCE PART NUMBERS WILL BE FULLILLED WITH A PPAP SUBMISSION FOR ITEM NO 1 ONLY. (SEE P/N TABLE)

4

THESE COMPONENTS HAVE OPTIONAL PART NUMBERS FOR DIFFERENT USE, WITH/WITHOUT CPA AND TOOL ACCESSIBLE/FINGER ACCESIBLE LATCHING. CONTACT TYCO ELECTRONICS ENGINEERING FOR APPLICATION SPECIFIC PART NUMBERS. SEE PG2

5

CABLE GG HIGH VOLT FHLR2GCB2G IS VALIDATED UNDER LV216 STANDARD ONLY.

6

MATES WITH HEADERS SHOWN ON THESE TYCO ELECTRONICS DRAWINGS: 2103124, 2103247.CONTACT TE REGARDING ADDITIONAL MATING HEADER OPTIONS.

7

FOR TERMINAL CRIMPING AND APPLICATOR INFORMATION, PLEASE SEE TE APPLICATION SPECIFICATION: 114-18148

8

X INDICATES THE CONNECTOR KEYWAY AND Y INDICATES THE CABLE TYPE.

9

THE CABLE SUPPLIER/SPECIFICATION ON THE TABLE HAVE BEEN VALIDATED WITH THE CORRESPONDING COMPONENTS. USE OF CABLES OTHER THAN THOSE LISTED TO BE INDEPENDENTLY VALIDATED BY THE USER.

10

FOR INNER FERRULE 1587828 AND OUTER FERRULE 1587829 THE SUFFIX X AT THE BEGINING OF THE PART NO. ALLOW TO USE EITHER OF THE TWO FERRULE VERSIONS AVAILABLE LISTED ON THE CORRESPONDING C-DRAWINGS FOR EACH PART NUMBER.

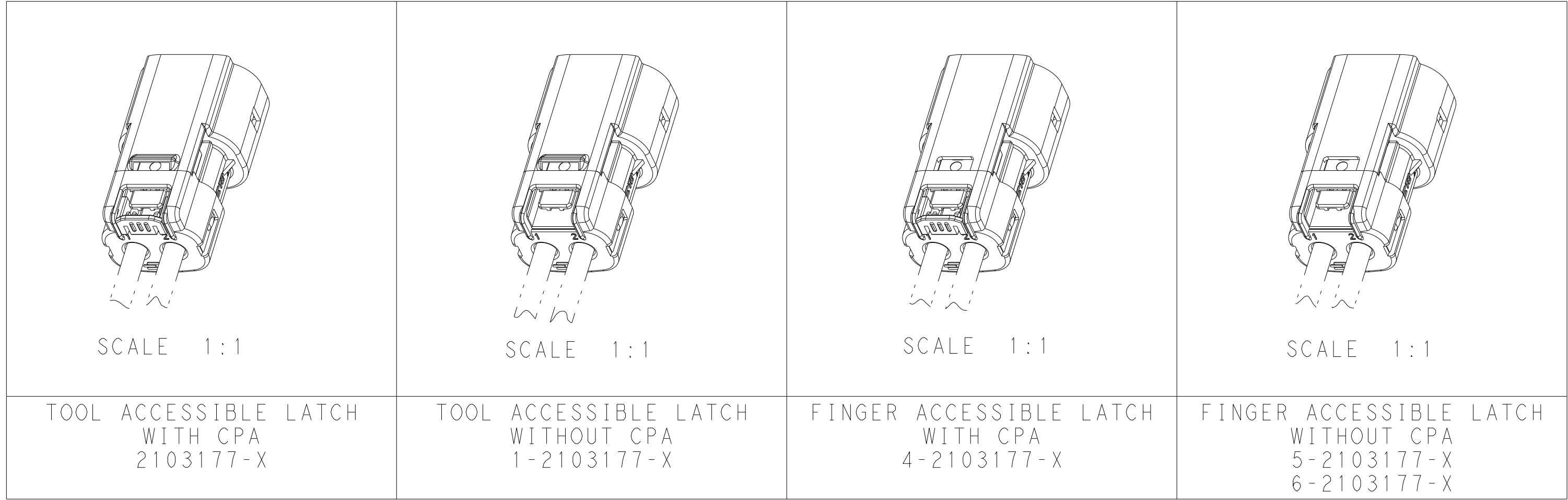
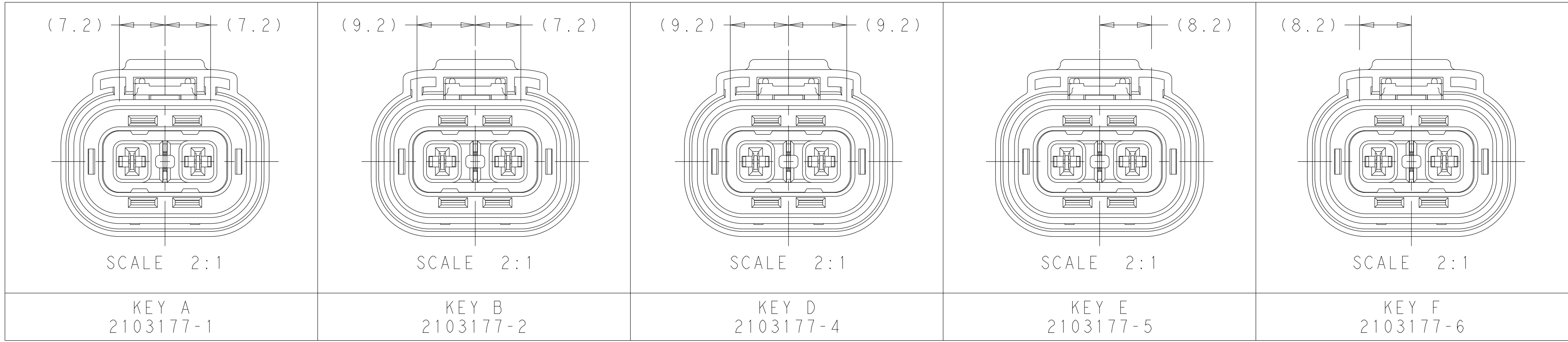
11

FOR INCREASED CREEPAGE DISTANCE REQUIRED FOR APPLICATIONS UP TO 1000 VDC, A SHORTER RECEPTACLE TERMINAL WITHOUT INSULATION CRIMP CAN BE USED.

1	2103181-3	2103181	SEAL RETAINER, CABLE	6
1	1587826-3	1587826	SEAL, CABLE, VMO TYPE	5
2	X-1587829-3	1587829	FERRULE, OUTER	4
2	X-1587828-3	1587828	FERRULE, INNER	3
2	1-2236752-3	2282482	MCP 2.8 TERMINAL FEMALE, Ag, 2.5-4.0mm ² (W/O INS GRIP)	2
2	1-968853-3	1355036	MCP 2.8 TERMINAL FEMALE, Ag, 4.0mm ²	2
1	(X-)2103177-X	2103177	PLUG SUBASSY	1
1	2103181-1	2103181	SEAL RETAINER, CABLE	6
1	2260703-1	2260703	SEAL, CABLE	5
2	X-1587829-1	1587829	FERRULE,OUTER	4
2	X-1587828-1	1587828	FERRULE,INNER	3
2	1-2236752-3	2282482	MCP 2.8 TERMINAL FEMALE, Ag, 2.5-4.0mm ² (W/O INS GRIP)	2
2	1-968853-3	1355036	MCP 2.8 TERMINAL FEMALE, Ag, 2.5-4.0mm ²	2
1	(X-)2103177-X	2103177	PLUG SUBASSY	1
1	2103181-3	2103181	SEAL RETAINER, CABLE	6
1	1587826-3	1587826	SEAL, CABLE, VMO TYPE	5
2	X-1587829-3	1587829	FERRULE, OUTER	4
2	X-1587828-3	1587828	FERRULE, INNER	3
2	1-2236752-3	2282482	MCP 2.8 TERMINAL FEMALE, Ag, 2.5-4.0mm ² (W/O INS GRIP)	2
2	1-968853-3	1355036	MCP 2.8 TERMINAL FEMALE, Ag, 4.0mm ²	2
1	(X-)2103177-X	2103177	PLUG SUBASSY	1
1	2103181-2	2103181	SEAL RETAINER, CABLE	6
1	1587826-2	1587826	SEAL, CABLE, VMO TYPE	5
2	X-1587829-2	1587829	FERRULE, OUTER	4
2	X-1587828-2	1587828	FERRULE, INNER	3
2	1-2236752-3	2282482	MCP 2.8 TERMINAL FEMALE, Ag, 2.5-4.0mm ² (W/O INS GRIP)	2
2	1-968853-3	1355036	MCP 2.8 TERMINAL FEMALE, Ag, 2.5-4.0mm ²	2
1	(X-)2103177-X	2103177	PLUG SUBASSY	1
QTY REQ	PART NO.	CUSTOMER DRAWING	DESCRIPTION	ITEM NO
3	PARTS LIST			

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN D. SIMPSON	23FEB2011
DIMENSIONS:		CHK A TYLER	23FEB2011
mm		APVD J. ROLEWITZ	23FEB2011
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	NAME
0 PLC ±.5		108-2394	PLUG ASSY,
1 PLC ±0.13		APPLICATION SPEC	HVA280-2PHI.XE
2 PLC ±0.013		114-13259	REFERENCE DRAWING
3 PLC ±0.0001		WEIGHT	SIZE
4 PLC ±.1		CUSTOMER DRAWING	CAGE CODE
ANGLES FINISH		SCALE	DRAWING NO
MATERIAL		2:1	1 OF 2
-		REV	A4
-			

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A1		AS PER ECN-25-346016	26SEP2025	CD	JR
A2		AS PER ECN-25-355559	26NOV2025	CD	JR
A3		AS PER ECN-26-386774	29MAY2026	ZZ	JR
A4		AS PER ECN-26-399755	13AUG2026	ZZ	JR



REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D SIMPSON	23FEB2011	TE Connectivity	
		CHK A TYLER	23FEB2011		
		APVD J BOLEWITZ	23FEB2011		
		NAME			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PLUG ASSY, HVA280-2PHI XE REFERENCE DRAWING	
mm		0 PLC ±.5 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±1 FINISH -		PRODUCT SPEC 108-2394 APPLICATION SPEC 114-13259	
				SIZE CAGE CODE DRAWING NO	
MATERIAL		WEIGHT		RESTRICTED TO	
-		-		A100779C=2103176	
-		-		-	
		CUSTOMER DRAWING		SCALE 2:1 SHEET 2 OF 2 REV A4	