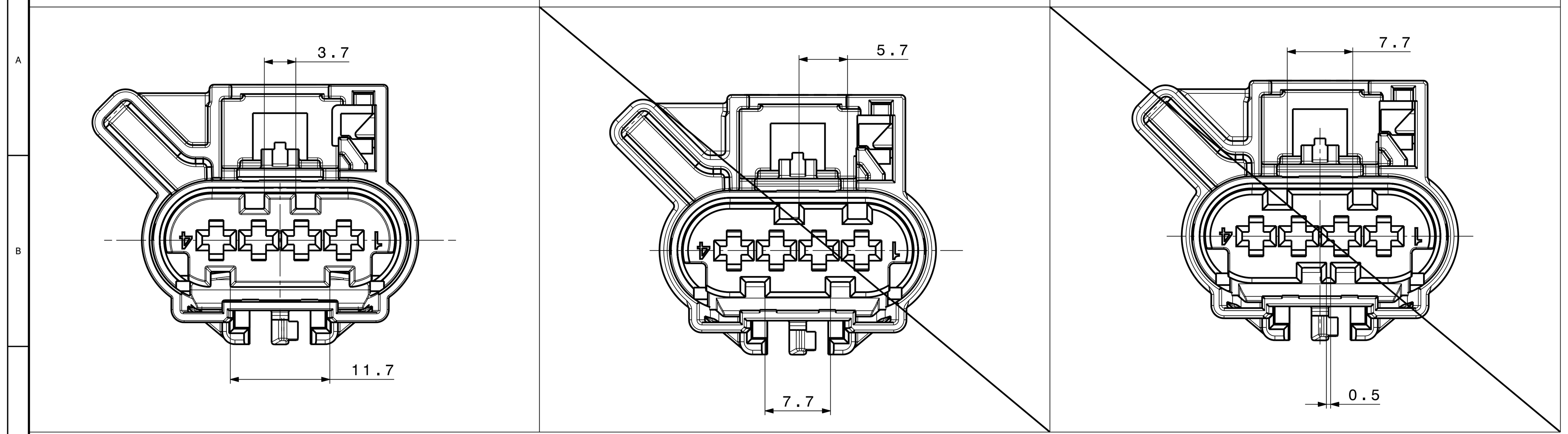
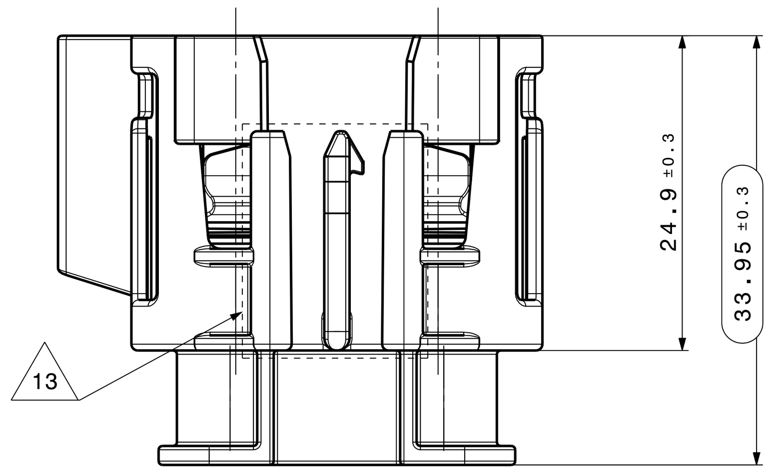
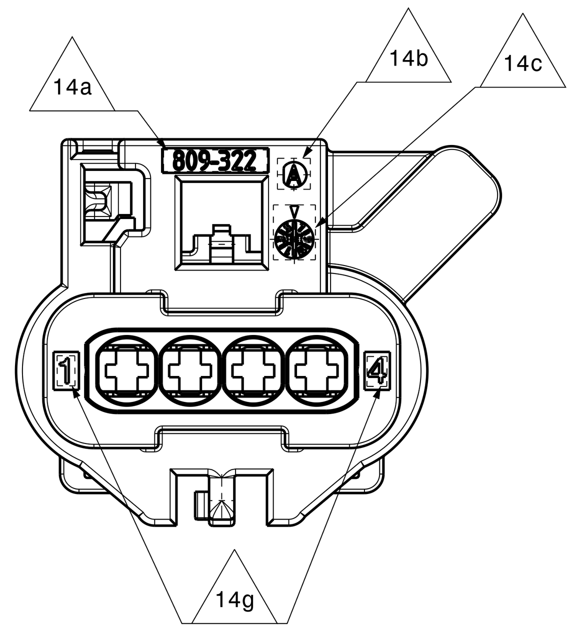
CODING A

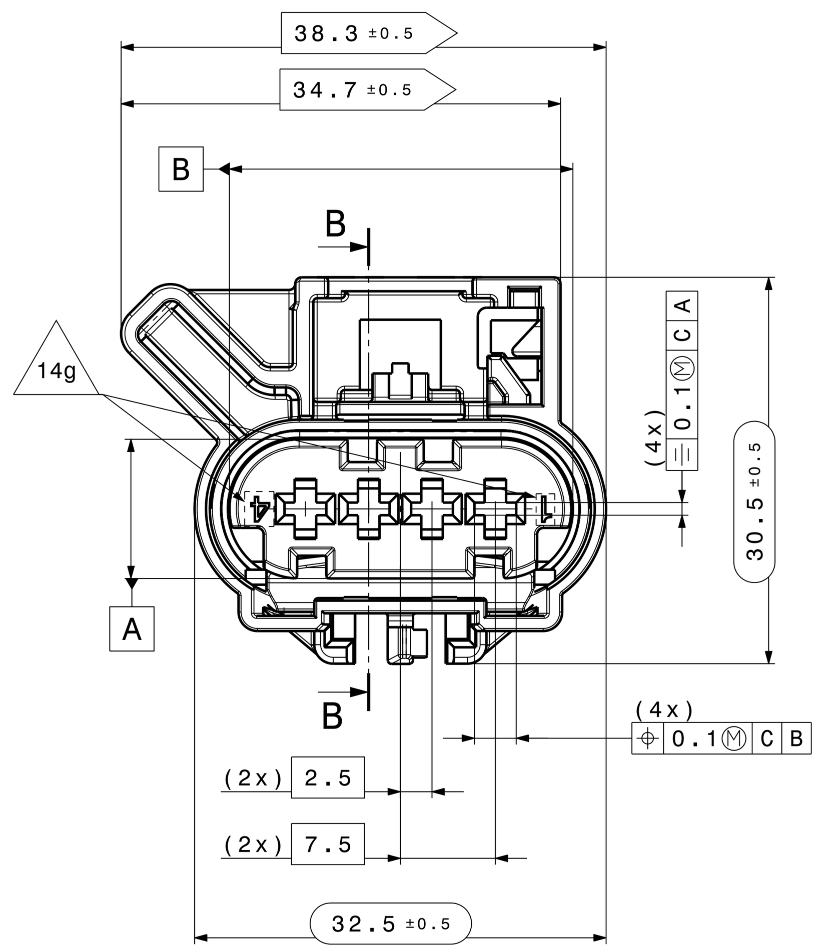
CODING B

CODING C

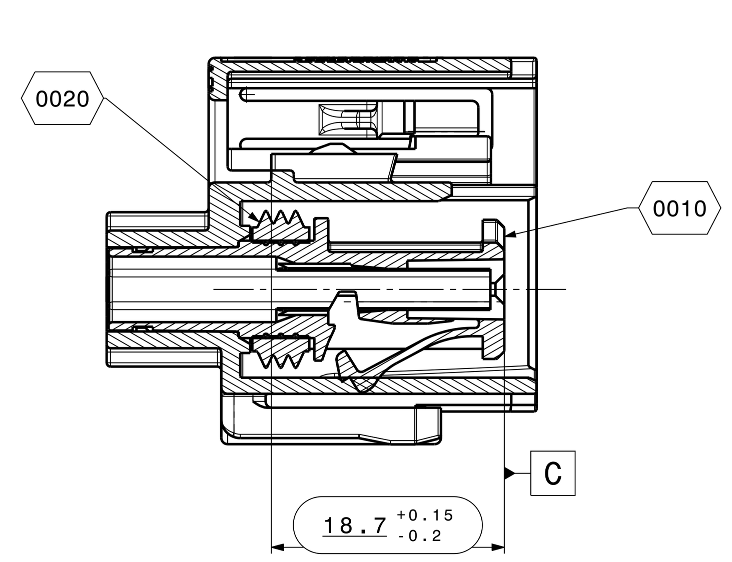




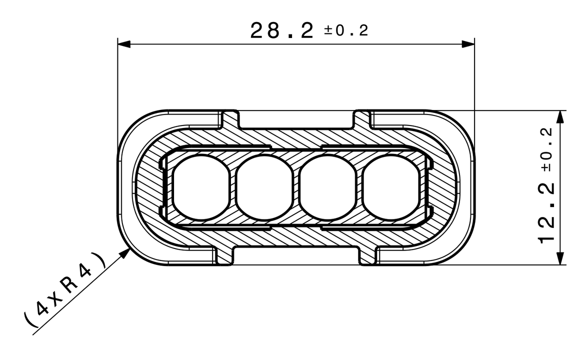


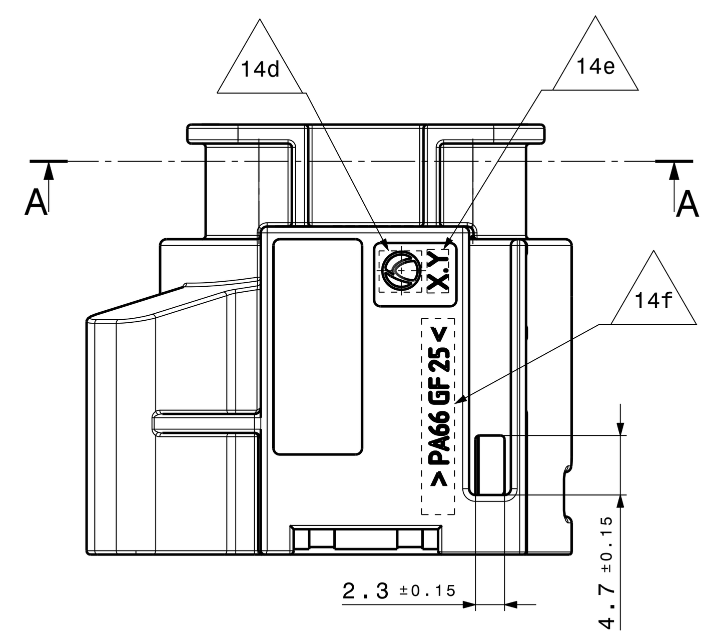


SECTION CUT B-B

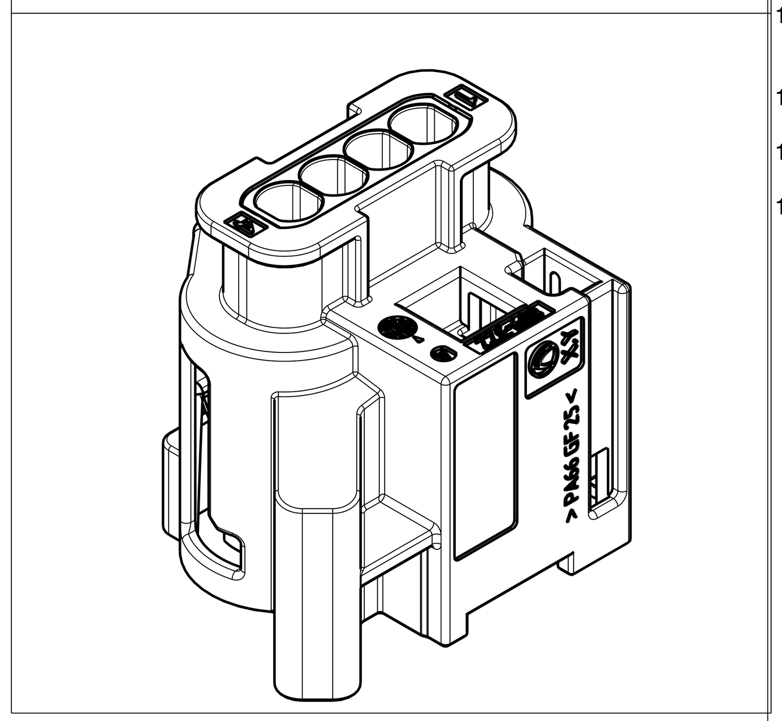


SECTION CUT A-A





ISOMETRIC VIEW
OPTION 1



GENERAL TOLERANCES FOR UNTOLERATED DIMENSIONS:
1. ANGLE-DIMENSIONS [°]
TOLERANCE FOR ALL ANGLE-DIMENSIONS: ±2°
2. RADII: [mm]

till 1	1-3	3-10	10-20	20-30	30-50
±0.2	±0.3	±0.4	±0.5	±1	±2

3. DISTANCE-DIMENSIONS: DIN 2768-mH
4. GENERAL TOLERANCE FOR SYMMETRY: 0.2

CONNECTOR KEY-FACTS:

CONTACT SYSTEM:	MCP 2.8x0.8
MAX. WSR [mm²]	2.5
MAX. ISO-Ø [mm]	3
WATER TIGHTNESS (IP-CODE) ACC ISO 20653	IP6K9K (WHEN ASSEMBLED TO COUNTERPART)
TEMPERATURE AREA (1000h) ACC LV214 PG21 2010-04	-40°C / +105°C
DYNAMIC LOAD ACC VW 75174 PG17 2018-10	SG3 SURFACE: Ag
FLAME RESISTANCE ACC UL94 (ACC. DATA SHEET)	HB (1.6mm WALL THICKNES)

ADDITIONAL VALID DOCUMENTS:

	MANUFACTURER NUMBER:	CUSTOMER NUMBER:
MATCHING TERMINAL:	TE: 1-968857-3 DWG-NO: C-1355036	-
MATCHING CONTACT CHAMBER:	TE: C-1823758	-
MATCHING COUNTERPART:	809-321-511	-

COMMENTS:
1. CODING A IS SHOWN
2. DELIVERY STATUS AS DRAWN
3. ENGLISH TEXT IS VALID
4. MISSING DIMENSIONS SEE CAD-MODEL. THEREFORE THE GENERAL-TOLERANCES ARE VALID
5. DESIGN DEVIATIONS COMPARED WITH DETAIL DRAWINGS ARE INSIGNIFICANT. THE DETAIL DRAWINGS ARE VALID.
6. PART CORRESPONDS TO EU SCRAP CAR GUIDELINE 2000/53/EG
7. CHANGES BASED ON TECHNICAL PROGRESS ARE IN THE DECISION OF THE MANUFACTURER! DETAILS OF IMPLEMENTATION ARE LEFT TO MANUFACTURER.
8. MAX. 30% RECLAIM PERMITTED
9. PART IDENTIFICATION SIMLIAR DIN 1451
10. DRAFT ANGLE WITHIN TOLERANCE.
11. MAX. SPLIT LINE 0.2
12. MAX. BURR 0.3

13 SPEC. CONNECTING SEE TYCO-DRAWING C-114-18063-002 REV.B (VERSION C)

14a HA-PART NUMBER

14b REVISION STATUS

14c DATE STAMP

14d HA-LOGO

14e MOULD CAVITY NUMBER

14f MATERIAL IDENTIFICATION

14g CHAMBER IDENTIFICATION

15. DIMENSIONS MAKED WITH ( ) ARE DOCUMENTED IN THE INITIAL SAMPLE INSPECTION REPORT (ISIR). UNMARKED DIMENSIONS ARE ALSO MEASURED BUT NOT DOCUMENTED IN THE ISIR. VARIATIONS MUST BE CORRECTED.
16. SEPARATING FORCE FROM THE SOCKET OUT OF PLUG HOUSING AT ROOMTEMPERATURE MIN. 150N/V=30MM/MIN
17. SPERATING FORCE OF PRESS-IN CONTACT OUT OF THE PLUG HOUSING AT ROOMTEMPERATURE MIN. 70N/V=30MM/MIN
18. WRONG ASSEMBLING FORCE FROM THE SOCKET HOUSING TO PLUG HOUSING AT ROOMTEMPERATUR MIN. 150N/V=30MM/MIN

±0.1 ±0.1

POS.	COUNT:	DESCRIPTION:	MATERIAL:	COLOR:	COMMENT:
0010	1	BUSH HOUSING	PA66-GF25	BLACK, SIMILAR RAL9011	-
0020	1	SEAL	SILOPREN LSR 3485/50	TOMATO RED, SIMILAR RAL3013	-
0030	1	PROTECTIVE SHROUD	PA66-GF25	ACC TABLE	-

PART NUMBER: HIRSCHMANN AUTOMOTIVE:	REVISION:	CODING:	COLOR PROTECTIVE SHROUD	WEIGHT:	COMMENT:
809-322-511	B	A	TURQUOISE GREEN, SIMILAR RAL 6016	~ 11.8g	-

04

DWG/ZNG VERSION	AMOUNT ANZAHL	DESCRIPTION OF CHANGE AENDERUNGSBESCHREIBUNG	DATE DATUM	DRAWER ZEICH.
04		CHANGED REVISON;	03.12.2024	CD3
03		CHANGED INDEX; CHANGED LAYOUT OF DRAWING;	23.10.2024	CD3
02	01	CHANGED COMMENT 13 (SPEC: CONNECTING) TO TYCO-DRAWING	12.06.2024	SKU
01		UPDATE "MATCHING CONTACT CHAMBER" AND "MATCHING TERMINAL" IN TABLE	21.05.2024	JW2
00		Ersterstellung / Initial edition	06.05.2024	JW2

DIMENSIONS IN [mm] MASSE IN [mm]	TOLERANCES ACCORDING DRAWING TOLERANZEN NACH ZEICHNUNG	TITLE / BENENNUNG: 4-POL 2.8 BUCHSENGEHAEUSE	CATIA V5
TOLERANCE: TOLERANZEN: EN ISO 8015	GENERAL TOLERANCES: ALLGEMEINTOLERANZEN: ISO 2768-MH		
EDGES: KANTEN: DIN ISO 13715	GEOMETRIC TOLERANCES: FORM- UND LAGE-TOLERANZEN: DIN ISO 1101		SCALE / MSTB. 2:1
DRAWN GEZEICHNET 03.12.2024	C.Dünser	SUBTITLE / ZUSATZ TEXT	
CHECKED GEPRUEFT 04.12.2024	C. Schwendinger		FORMAT A1
RELEASED FREIGEGEBEN 04.12.2024	C. Schwendinger	P.05766	
HIRSCHMANN AUTOMOTIVE		DRAWING NO. ZEICHNUNGSNUMMER 809-322-...00	SHEET / BLATT 1/1
		ORIGIN/REPL. URSPRUNG; DNO. DNR. 100000647410	CH. NO. AEND. NR. 85072

Controlled status available in the system!

Plot from: JULRICH on 24.06.2026 Doc.Vers. 04 Valid from: 20241204 Valid until: 20991230 Status: Kundenfreigabe

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